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CHEMIST and DRUGGIST DECEMBER 8, 1945

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

No. 3435 CXLIV DECEMBER 8, 1945 Annual Subscription (with Diary) 25/-. Single copies 9d.

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Pediculosis capitis

Pediculosis pubis

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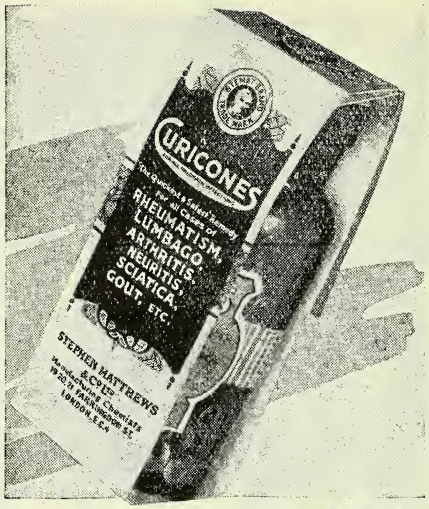

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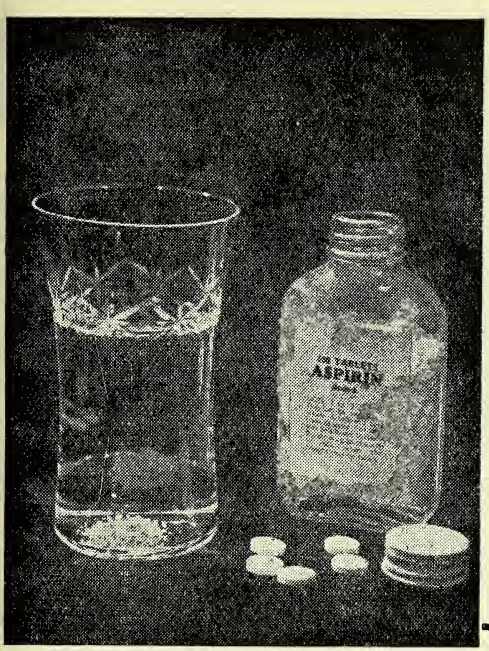

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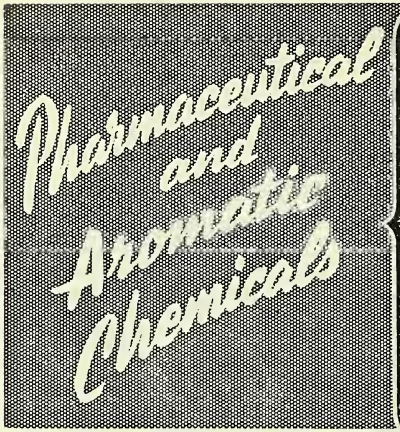

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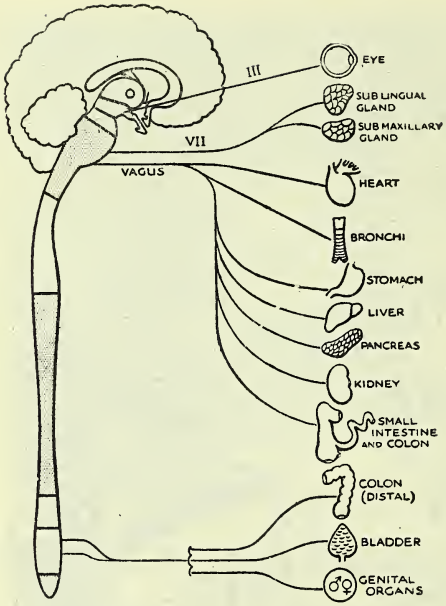

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Pepsodent

TOOTH POWDER

NEW SIZE 1/6

INCLUDING TAX

PEPSODENT TOOTH POWDER IS NOW AVAILABLE IN FREE SUPPLY

WAR PACK 1/3 DISCONTINUED

PRICES AND TERMS

	PRICES PER DOZEN		
	List Price	Purchase Tax	Inclusive Price Per doz.
Minimum Orders (Goods below £1.0.0 in value)	10/8d.	3/6d.	14/2d.
£1.0.0 Parcel (Goods value over £1. and under £2.10.0)	10/-	3/6d.	13/6d.
£2.10.0 Parcel* (Goods value £2.10.0 and over)	9/7d.	3/6d.	13/1d.

* Special discount on £2.10.0 parcel only. Discount of 3¾% may be deducted from cost, exclusive of Purchase Tax, for payment in 30 days.

PDP 108-956

C

BABLETS

(Baby's Own Tablets.)

For TEETHING TROUBLES
Constipation, Feverishness,
Disturbed Stomach
and other Simple Ailments of
Infants and Children
Laxative, Comforting, Digestive

P.A.T.A.

EXTENSIVELY ADVERTISED
DO NOT LOSE SALES
GET IN A STOCK AT ONCE
YOU RUN NO RISK
SALE IS GUARANTEED
Your Wholesaler Can Supply

G. T. FULFORD CO. LTD. (of Canada)
8 Royston Park Road, Hatch End, Mx.

If You're out of One Recommend the Other

In these days, when, do what we will, we cannot always cope with demand, there is an added advantage in the two Parmints.

At the moment the ready for use Parmint Syrup is in short supply. If you are temporarily out of stock, recommend your customers to take a bottle of the Parmint Concentrated Essences.

All our press advertising features both Parmints and mentions their prices.

INTERNATIONAL LABORATORIES LTD.
1/3 Smedley Street
London, S.W.8

P.A.T.A.

GABAIL PRODUCTS

ELIXIR GABAIL

The ideal sedative in all nervous affections

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax
Bottle of 187 c.c. . .	5/–	39/–	6/6
,, 16 oz. . .	9/6	72/–	12/–

SYRUP PERTUSSIS (Gabail)

An effective medicament for the paroxysms of Whooping Cough

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax
Bottle of 4 oz. . .	3/–	24/–	4/–
,, 16 oz. . .	9/6	72/–	12/–

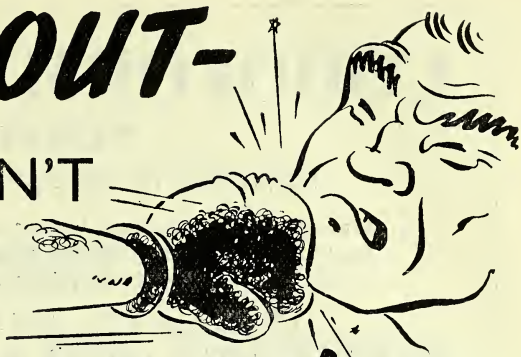
Manufactured by The Gabail Laboratories Ltd. (Gabail Ltd.), London, W.C.1

Ample supplies available through your usual wholesaler or from

THE ANGLO-FRENCH DRUG CO., LTD.
11-12 Guilford Street, LONDON, W.C.1

YOU'RE OUT-

F YOU DON'T END OUR CONTAINERS IN!



rry to be so blunt. But the cardboard shortage is really serious. e change over to peace time production all over the country causing a bigger demand for board than ever. To enable acleans to continue serving you as efficiently as ever, existing ntainers *must* be emptied and returned at once for re-filling.

ou must return

MACLEANS CARDBOARD CONTAINERS

ROMPTLY if you ant to make sure f further supplies

FOLLOW THE SIMPLE DIRECTIONS BELOW

1. Fold them flat and tie together with string. (Paper wrapping unnecessary.) Send parcel post. Tuck in flaps where necessary, to keep size within postal regulations. Pack smaller containers inside larger ones. (Four to seven average size containers approximate size allowed.)

2. Use addressed labels received with invoices. Enter cost of postage on Postal Receipt portion of label (which must be date-stamped by Post Office). Detach this Receipt portion and keep it.

3. Postage will be refunded only by our representative when he calls, on surrender of Receipt. This Receipt cannot be accepted for direct credit, and must not be deducted from account.

MACLEANS LTD., GREAT WEST ROAD, BRENTFORD, MIDDX.
Telephone: Ealing 6616. Wires: Macleans, Brentford.

CODOFORME BOTOL

TABLETS

(Indicated in all types of dry cough)

Owing to circumstances beyond our control, we regret that CODOFORME BOTOL has been in short supply, but we are now pleased to advise you that this preparation

IS AGAIN AVAILABLE
IN PACKINGS OF 20 AND 250 TABLETS

If any difficulty is experienced in obtaining supplies through the normal trade channels, you are invited to communicate with us.

CONTINENTAL LABORATORIES LTD.
101 GREAT RUSSELL STREET, LONDON, W.C.1
Telephone: MUSEUM 2042/3

LEDA D.D.T.

is now available in the following packings:—LEDA D.D.T. INSECTICIDE POWDER containing 7% p.p. D.D.T. GEIGY as specified by H.M. Government in our PATENT PYRAMID PACK retailing at 10d. each, Also LARGE DOUBLE SIZE TIN retailing at 1/6d. each.

SPECIAL ANNOUNCEMENT

LEDA D.D.T. LIQUID SPRAY is now available, specially prepared for household use. Full directions on each bottle. This Liquid is NON-INFLAMMABLE, NON-POISONOUS AND ODOURLESS, and retails at 1/6d. each.

Wholesalers Only
Apply to SALES MANAGER,
LEDA CHEMICALS CO. LTD., 94 Archway Road, London, N.19

WIN PEACE FOR THOUSANDS!

Long hard years of war have been an enormous strain on the nation's feet, and have left a big legacy of minor foot troubles.

Never were the majority of people more in need of the scientific relief of Scholl Foot Aids. Help to win foot-peace for the many sufferers who pass your shop. Let your windows and counters carry the message of quick, sure relief with Scholl's.

It's good work, it's profitable work, it's expanding work. The products set out below are world-famous and grand sellers. Write for our price list.

ZINO PADS
TARSO PADS
FELT PADS
} *for corns, callouses, bunions*

2-DROP CORN REMEDY
BUNION LOTION
} *give prompt and lasting relief*

THE SCHOLL MANUFACTURING CO. LTD., 182-204 ST. JOHN STREET, LONDON, E.C.1

You can PROMISE 3-SECOND RELIEF from NASAL CONGESTION

To the customer in search of a remedy for nasal congestion resulting from head cold or catarrh you can make this promise for Karsodrine — *that within 3 seconds of taking two sniffs up each nostril from the Karsodrine Inhaler the congestion will recede.* Karsodrine will keep your promise because its volatile vapours, including amphetamine, afford an instant and prolonged contraction of congested nasal mucosa. The lower price and the convenient ONE-CAP container are added Karsodrine selling points.

KARSODRINE

FORMULA: *Amphetamine 0.330 grm; Cineole 0.093 grm; Ol. Citronell 0.026 grm; Methyl. Salicyl. 0.023 grm; Ol. Cedri 0.005 grm; Menthol 0.049 grm; Ol. Eucalypt. 0.089 grm.*

P.A.T.A.

RETAILS at 1/6 (inc. tax) and shows you up to 5/2½d. per dozen profit even on small quantities when ordered with other 'Griffiths Hughes' lines. Send your order to E. Griffiths Hughes Ltd., Adelphi, Salford 3, Manchester.

VOLA SELTZER GRANULES IN INCREASING DEMAND -ARE YOU READY?

A wide-spread advertising campaign in local newspapers has been released for "VOLA SELTZER" Granules.
Strongly recommended for Headaches—Indigestion—Heartburn—Flatulence—Biliousness—Over-Indulgence—and Fatigue.

VOLA SELTZER GRANULES

Retail 2/3 including Tax
From your usual wholesaler or direct from
JOHNSON AGENCIES (Proprietaries) LTD.
Clarendon Works Croydon, SURREY

Stock and Show this Profitable Line

TRILLE SHAMPOOS

Retail 6d. each. Cost 48s. per gross (both prices include P.T.) P.A.T.A.

A profitable Nationally-advertised Line reserved to Chemists.

Obtainable from Messrs. May Roberts, Ltd., all Depots, London, Plymouth, Cardiff, Liverpool, or direct from the Manufacturers, The Excel Proprietary Co., Elgar Place, Ramsgate Kent

NOTE.—New customers are welcome as always.

DORSELLA

IS THE WORLD'S FINEST

MILK FOOD

you can recommend it with every confidenc (or Infants. It is a Prideaux product, and shows a good profit.
Ask fo details and Special Terms.

PRIDEAUX MILK FOODS LTD.
MOTCOMBE, DORSET

BIGGER PROFITS

when you display the large size

60,800,000 ADVERTISEMENTS for Valderma appear every month — in National Newspapers, Provincial Newspapers and National Magazines

You get this attractive card with every order for the large size.

o wonder Chemists erywhere say lderma is one of e fastest moving lines to-day.

EXAMPLE ORDER

	£ s. d.	P.Tax.
3 doz. Valderma 2/- size @ 15/- doz.	2. 5. 0	2/6 doz.
3 doz. Valderma 3/6 size @ 26/- doz.	3.18. 0	4/4 doz.
	6. 3. 0	
5% special discount on a £6 order	6. 2	
	5.16.10	
Plus Purchase Tax	1. 0. 6	
Send cheque for this order	£6.17. 4	

E HEALTH LABORATORIES LIMITED, 26 BERNERS STREET, LONDON, W.1.

PINEOLEUM BRAND INHALANT

PROTECTS WHILE IT RELIEVES

TAKE ADVANTAGE OF OUR SPECIAL SHORT TERM OFFER NOW

10% DISCOUNT ON A £2 PARCEL

Sent carriage paid home

	Pre-Tax Retail Price	Suggested Retail Price with P. Tax
PINEOLEUM BRAND NEBULIZER OUTF'T (Plain and with Ephedrine) Outfit. complete with inhalant in carton 45/- per doz.	5/-	5/7½
PINEOLEUM BRAND INHALANT (Plain and with Ephedrine) 100 c.c. bottle in carton 45/- per doz.	5/-	5/7½
15 c.c. bottle in dropper 13/6 ,, ,,	1/6	1/8½
(Packed ½ doz. Display Boxes)		
PINEOLEUM BRAND EPHEDRINE JELLY Collapsible tubes with applicator 11/3 per doz.	1/3	1/5
(Packed in ½ doz. Display Boxes)		

Apply direct to the sole distributors in Great Britain and Northern Ireland:

The CHESEBROUGH MANUFACTURING CO., LTD., Victoria Road, Willesden, N.W.10

A firm can't make a perfume

A company can't paint a picture, create a perfume. Goya perfumes are made by Goya, an individual, not by a board of directors, a committee of chemists.

Although Goya perfumes are sold all over the world they are made in England. Goya is an Englishman, it is because of his skill that your customers prefer Goya.

PERFUME LIPSTICK
FACE-POWDER

GOYA

161 New Bond Street, London, W.1

SURGICAL SUNDRIES

CATHETERS, AIR CUSHIONS
W.S. PESSARIES
COMBINATION FLUID PESSARIES
RUBBER URINALS
HYPODERMIC NEEDLES AND SYRINGES
WATERPROOF SHEETINGS
SURGICAL DRESSINGS, Etc., Etc.

Personal attention given to all "Specials"

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Clerkenwell 8576

PINAUD WILL OFFER . . .

The British house of Pinaud hope soon to resume again the manufacture of the full range of their famous products. The original Paris formulæ will be strictly followed, and the Pinaud range will include:

Eau de Quinine — Eau de Portugal — Extraits Végétal (Violettes des Bois & Lilas de France) — Cosmétiques — Cosmétiques Brillantine — Eaux de Cologne — Eau de Lavande — "Set-up" (the original pre-shave lotion for use with electric razors) — Pommade Hongroise — etc., etc.

Pinaud Ltd.,
Atkins Road, London, S.W.12

PINAUD

THIRTY YEARS REPUTATION
Kenrosa
HAIR PREPARATIONS

Kenrosa LTD.
LONDON. E.5.
Manufacturers of
PASHANA, FOUGERE LOTIONS,
TONFREY'S DRY SHAMPOO ETC.

LEE NARVILL ABROAD

The Demand is Here, There and Everywhere. Shortly you, too, will be able to buy. For the present Miscellaneous supplies avail.

Setting Lotion, Hair Cream, Brilliantine Cream, Cold Cream, Vanishing Cream, Brilliantine, Face and Talcum Powder, Bath Crystals, Salts and Cubes in powder form, Perfume, etc., etc.

"By Purchasing." Gum Trag., Emulsifying Waxes Rohsem VX. and 0584, Beeswax, Stearic Acid, Glycerine, Odourless White Mineral Oil, Oxides, Chalks, Liq. Ammonia, Borax, etc. Sodium Carb. Crystals, Sesquic. of Soda, LL/X.E.P. "Lamaur" Perfume and others.

Colours for the above uses and Lipstick, Liq. Stocking, Leg Tan, etc., etc.

YOUR PACKING TROUBLES SOLVED

Embossed Perfumery Labels, comprehensive selection from 2/6 per 250, average 6/- per 250.

Glassware—Hair Cream Jars, etc.

Stoppers—Metal and Bakelite Caps, Comp. Corks, etc.

Containers—Fancy Talcum Powder and Face Powder Boxes, Talcum Powder Tins and Fancy Xmas Boxes. Slip-on lid tins ½-oz. upwards. Various Lipstick tubes, Shampoo Envelopes and inners.

Miscellaneous—Powder Puffs, Compacts, Manicure Requisites, Curlers. Liquid Shampoo, etc.

Special Services—Technical information and Formulas. Special illustrated formulas also on request. Ask for Samples, Price Lists. 3d.

LENNARD, LEE-NARVILL & CO. LTD.
Lee-Narvill Laboratories, Anlaby Road, Hull

FRAGRANT TONIC HAIR CREAM
MAKES THE HAIR BEHAVE
MY LADY'S VANISHING CREAM
For loveliness and charm—Delicately perfumed.
Setting Lotion, Solid Brilliantine, Brilliantine, Cold Cream, Cleansing Cream, Antiseptic Balm.
LABELS FOR THESE LINES—6/- per gross.
PERFUME — COLOURING — BOTTLES — JARS.
EMULSIFIERS—Needing hot water only to give excellent preparations as above. Send stamp for details to—
BRICCAS LIMITED
4 CAVENDISH PLACE, LONDON, W.1

SOFT SOAPS
for Textile and other technical and general uses.
Some lines not yet available owing to war-time regulations.
W. M. DELF & CO.
SOAP AND DISINFECTANT MANUFACTURERS
DELCO WORKS, RICE LANE, LIVERPOOL, 9
Telegrams: Glycerine, Liverpool
Telephone: Aintree 1752 (2 lines)

From 90 to 1,500 tablets per minute!

There is a

MANESTY

TABLET MACHINE

to meet every requirement . . .

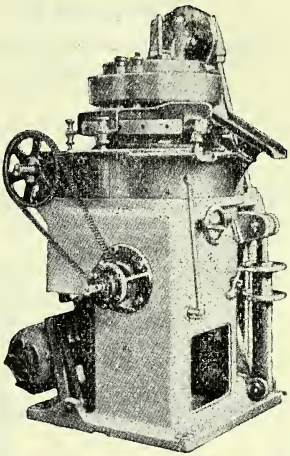
om the Hand Tablet Machine and Single Punch achines at 90 per minute to the fast-running Rotary achines producing 1,000-1,500 tablets per minute.

e Manesty range of Tablet Machines is the most odern and efficient, and the large powerful modern pes such as the No. 2 and the R.S.I. (illustrated rewith) will produce heavyweight tablets at tonishing speed.

nesty Tablet Machines are being used all over the world for e production of compressed medicinal tablets, fruit drink cubes, , coffee and cocoa tablets, laundry blues, cleaner blocks, bath lets, naphthalene balls and blocks, and for eforming bakelite and similar synthetic resin-ulding powders into tablets.

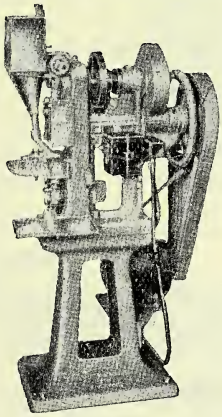
nesty Machines are made entirely by us and are erefore 100 per cent. British.

nd us particulars of your requirements and we l help you.

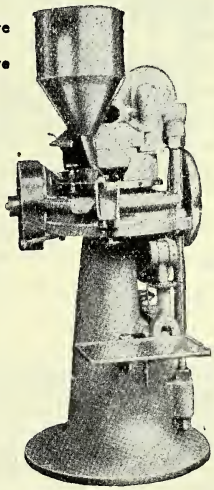


MANESTY
'R S I'
ROTARY
TABLET MACHINE

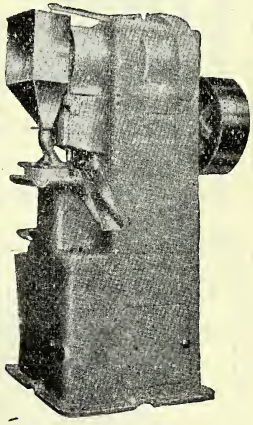
MANESTY
No. 1
LET MACHINE



MANESTY
'F'
(Geared Model)
TABLET MACHINE



MANESTY
'D3'
ROTARY TABLET MACHINE



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No. 2
TABLET MACHINE

MANESTY MACHINES LTD.

5 Speke Hall Road, Liverpool 19

phone: HUNTS CROSS 1321 *Telegrams: MANESTY, LIVERPOOL*

POST-WAR MARKET NEWS

summarising post-war opportunities, special notices, new packaging and new products

POMP

Permanent—Odourless—Moth Proofer

incorporating

D.D.T. & P.C.S.

A unique combination giving complete and PERMANENT protection from MOTHS and household disinfestation of other insects

D.D.T. kills the MOTH that LAID the EGGS that produce the GRUB
P.C.S. kills the GRUB that causes the DAMAGE

D.D.T. + P.C.S. = **POMP**

(The Anti-Moth Equation)

R. DEMUTH LTD.
MAVINS COURT, FARNHAM, SURREY

CUSTOMERS FIRST

We endeavour to distribute our limited supplies equally among our customers and maintain the best service present conditions allow.

Druggists' Sundries; Toilet Requisites; Surgical and Rubber Appliances; Contraceptives.

Burge, Warren & Ridgley, Ltd.

45, CITY ROAD, LONDON, E.C.1

Phone: CLE 1710. *Grams: "Drugsund, Finsquare, London."*

A reputation for reliability . . .

"Sentinel"

ALL COTTON WOOL

SANI-TOWELS

"with the soft seamless knitted covering"

SIZES 1, 2, 3 AND MATERNITY also 'KUMFEX' SOLUBLE (all with loop ends)

★ *Supplies unfortunately restricted at present*

SPLENDOR LTD. Nottingham & London

JOHN KNOX LTD.

beg to announce that their

NEW PRICE LIST

is now available

Will any of their chemist friends desirous of obtaining a copy, and who have not received one, please make application, accompanied by the usual penny stamp

Cannon Street HANLEY — **36-38 Dean Street BIRMINGHAM 5**

Victory-V

FOR COLD JOURNEYS

Famous in Name and Quality

FRYER & CO. (NELSON) LTD.
VICTORY V FACTORY
NELSON, LANCS.

Potter's

Asthma Remedy

Price 2/2 per Tin (inc. tax). Wholesale 18/- per Doz., plus 3/- per Doz. Tax.
Packed in half dozens.

Well advertised and world famous . . . A sound selling line for every Chemist

Potter & Clarke Ltd.
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You CAN FIGURE ON Jetspeed delivery and 33⅓% with

THE NEW Photographic Fotogram Exposure CALCULATOR

★ Market protected against price-cutting.

★ Only bona-fide Wholesalers and Retail Chemists supplied.

★ Retailer's discount 33⅓%.

★ FIXED consumer PRICE 10/6

★ No Purchase Tax.

★ IMMEDIATE DELIVERY

★ IDEAL XMAS GIFT.

10 Subject Classifications.

30 Sub-classifications.

6 Actinic light-curves and time-curser covering every month, 6 a.m. to 6 p.m., GMT.

8 Different sky-conditions.

19 Scheiner speeds in units from 16 to 34. H. & D. from 100 to 5,000.

20 Standard f. stops.

122 Different exposure-times.

Instructions printed on face.

NO REFERENCE TABLES. RAPID ACTION—ANSWER IN 20 SECONDS

HERE'S HOW

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CONCENTRIC INDICATOR LABORATORIES

TELEPHONE. MAYFAIR 5988

"USE YOUR WISDOM WISELY"

PROBABLY you've already seen the first of the new Wisdom advertisements in the National and Provincial press. We were inspired to prepare this "use your Wisdom wisely" series by the very high proportion of people shown to have bad teeth on joining the Forces — bad teeth due largely to sad ignorance of oral hygiene.

The Army has already done much to teach Service men how to clean their teeth properly. Our instructional advertisements will carry on the good work. They are something rather new in the way of advertising. Each advertisement has been checked by an eminent dental authority and the series will be of real use and value to the community.

People should come to have the greatest confidence in the brush made by those who sincerely have the public interest at heart.

Wisdom REGD. TOOTHBRUSH OUTLASTS THREE ORDINARY BRUSHES

MADE BY ADDIS LIMITED. ESTABLISHED 1780

DIGOXIN

'B. W. & CO.'

MILLIGRAMS OF

DIGITALIS ACTIVITY

Digoxin, being a definite substance of constant composition and activity, offers an unsurpassed degree of precision in digitalis therapy. Digoxin is a pure, crystalline glycoside from *Digitalis lanata*, discovered in the Burroughs Wellcome & Co. Laboratories. It satisfies the established criteria for a reliable, potent digitalis preparation.

'TABLOID' BRAND **DIGOXIN** compressed products for oral administration

'HYPOLOID' BRAND **DIGOXIN** ampoules of solution for intravenous injection

SOLUTION OF DIGOXIN 'B. W. & CO.' for oral administration

BURROUGHS WELLCOME & CO.

(The Wellcome Foundation Ltd.)

LONDON

KEROCAIN

(PROCAINE HYDROCHLORIDE KERFOOT)

LOCAL ANAESTHESIA AT ITS BEST

Procaine Hydrochloride in an exceptionally pure and reliable form, conforming to standards considerably more stringent than those of the B.P.

KERFOOT

Prepared under ideal conditions and the strictest analytical control. Always specify KERFOOT.

Thomas Kerfoot & Co. Ltd., Vale of Bardsley, Lancashire K.11

ALEPSAL

BRAND **TABLETS**

INDICATIONS. Epilepsy and all spasmodic conditions; **Chorea** and nervous disorders; **Anxiety** neuroses; as a hypnotic in all cases where phenobarbitone is indicated

ALEPSAL is issued in **Three** strengths:—

Normal—1·54 gr. phenobarbitone; 0·31 gr. p. belladonn. fol.; 0·38 gr. Caffeine. Issued in tubes of 20 tablets.

Medium—0·77 gr. phenobarbitone; 0·15 gr. p. belladonn. fol.; 0·19 gr. Caffeine. Issued in tubes of 30 tablets.

Weak—0·23 gr. phenobarbitone; 0·046 gr. p. belladonn. fol.; 0·057 gr. Caffeine. Issued in tubes of 80 tablets.

Chemists are asked to take careful note of the Three Strengths issued

NEURINASE Brand

SOLUTION **TABLETS**

Combining Fresh Valerian and soluble Barbitone.

INDICATIONS.

As a general Sedative and Hypnotic.

Insomnia.

Nervous Conditions.

SOLUTION is issued in bottles of 3½ oz. Formula: Soluble barbitone, 3·5 g.; liquid extract fresh valerian to 100 c.c.

TABLETS issued in tubes of 22.

Formula: Ext. fresh valerian, 1·0 gr.; soluble barbitone, 3·3 gr.; excipient to 6·5 gr.

WILCOX, JOZEAU & CO., LTD.

74/77 WHITE LION STREET, LONDON, N.1

19 TEMPLE BAR, DUBLIN

The
CHEMIST AND DRUGGIST
For RETAILER — WHOLESALER — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London" *Telephone: Central 6565 (10 lines)*
Emergency Address: **17 ARGYLE STREET, BATH** *Telephone: Bath 5492*

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NEWS OF THE WEEK

Board of Trade Registers.—The Board of Trade has issued lists of amendments to the Home Trade and Toilet Preparations Registers. Copies are obtainable from H.M. Stationery Office, price one penny each.

World Drug Needs in 1946.—The Supervisory Body under the International Drug Convention, 1931, met recently in London, under the chairmanship of Sir Malcolm Delevingne, to examine world requirements of dangerous drugs in 1946.

Control of Investment.—The Chancellor of the Exchequer, at a meeting in London on November 22, said he hoped soon to introduce a Bill for the control of investment, which he described as a necessary feature of any financial plan. Both the priorities and the timing of investment, he said, must be controlled so that projects of the greatest national importance should come first.

Statutory Committee.—The Statutory Committee of the Pharmaceutical Society will meet at 17 Bloomsbury Square, London, W.C.1, at 11 a.m., on December 12, to consider information and evidence from which it appears that a member of the Society was convicted of indecent assault; a second member of the Society was convicted of disorderly conduct whilst drunk and was drunk whilst in charge of his employer's pharmacy; and a third person, who has applied for the restoration of his name to the register, was, when a registered pharmacist, under the influence of drink and/or drugs during business hours in pharmacies under his control.

Chemical Progress Reports.—The annual "Reports on the Progress of Chemistry," 1944, have just been published by the Chemical Society. The reports cover recent progress in all branches of chemistry. In the biochemistry section F. G. Young gives an account of progress in research on the thyroid gland, and F. W. Norris discusses the assay of the B vitamins, with special reference to microbiological methods. H. McIlwain writes on chemotherapeutic agents and related compounds.

Staff Visit to Theatre.—The works and administrative staffs of Tampax, Ltd., London, were entertained to an evening at the Stoll Theatre, London, recently, following a special tea in the works canteen.

Chemical Engineering Laboratory.—Mr. Charles Brotherton, a director of Brotherton & Co., Ltd., chemical manufacturers, has donated £55,000 to Leeds University towards the building of a Charles Brotherton Laboratory in chemical engineering.

Nationalised Transport.—At a meeting in London, on November 28, the National Council of the Road Haulage Association passed a resolution expressing its absolute opposition to the nationalisation of road transport "in any shape or form."

Whaling Conference.—An International Whaling Conference met in London on November 20 to discuss what modifications, if any, were desirable in the International Whaling Agreement, 1937, in respect of the season 1946–47. Representatives of fourteen countries were present.

Wages Council Commissions.—The Minister of Labour and National Service has appointed Commissions of Inquiry under the Wages Councils Act to consider applications for establishment of Wages Councils submitted to him by various Joint Industrial Councils in the distributive trades (not including pharmacy).

Institute of British Photographers.—The examining board of the Institute of British Photographers has recommended the following admissions to Associateship and Fellowship: *Fellowship*, Edward Leigh (advertising photography), and Harold Marsden (industrial); *Associateship*, Mrs. P. B. Craxton, Messrs. G. Foster Brigham, W. J. Condren, Jack Emerald, Reginald Figgins, G. M. Greenwell, Arnold Hirst, E. W. Johnson, S. H. Thorpe, Peter Tomkins and F. G. Wrigley and the Misses D. V. Marshall and L. M. Smith.

Representations on Purchase Tax.—Accrington Chamber of Trade has called for a remission of purchase tax prior to the Government relinquishing control of trade, so as to obviate losses to the retailer, and has urged that public announcements of remission of tax should not be made in advance. Rebates on invoices for the previous three months are advocated. A protest has also been made against restrictions on the illumination of highly-rated shop windows, and alarm has been expressed at the adverse effect upon coloured goods displayed in windows of the fluorescent street lighting of local authorities

Vitamins Lecture at Blackburn.—Dr. F. Wrigley addressed members of the North-east Lancashire Branch of the Pharmaceutical Society at Blackburn on November 27 on "The Later Vitamin Developments," Mr. Emeric A. Eccles (president) in the chair. The speaker traced how some of the principal vitamins had been discovered. A feature of the meeting was the large number of scientific questions put to the speaker; all were answered by Dr. Wrigley, who expressed appreciation at the interest the subject had aroused. He was thanked on the proposition of Mr. W. Pomfret (dispenser at the Royal Infirmary), seconded by Mr. T. S. Nowell.

North London Council Candidate.—At a recent meeting, the North London Pharmaceutical Association adopted proposals for procedure to be followed in the selection of a candidate for election to the Council of the Pharmaceutical Society. The proposals include notification by the person concerned, well in advance of nomination date, of his or her intention to become a candidate; a statement of reasons for candidature and summary of policy; consideration of the application by a committee of the Association; a recommendation to members if majority support is forthcoming from the committee; and adoption by the Association only if the recommendation is confirmed by ballot, if necessary, at a general meeting at which the candidate is given an opportunity of speaking.

Irish Drug Association.—At a committee meeting of the Irish Drug Association held on November 26, Mr. Lyall G. Smith (president) in the chair, the Public Health Bill, 1945, in so far as it affected pharmacy, was discussed, and a deputation consisting of the president (Mr. G. C. O'Neill), vice-president, and Mr. F. X. Meagher, was appointed to confer with Messrs. P. A. Brady and P. C. Cahill, representing the Pharmaceutical Society, with a view to approaching the Minister for Local Government and Public Health with suitable amendments. On the motion of the president, seconded by Mr. A. J. Donnell, the following resolution was passed: "That the Committee of this Association desires to place on record its sincere appreciation of the co-operation and help extended by May, Roberts (Ireland), Ltd., to the pricing committee, especially in the matter of pricing patents and proprietaries." Hours of business for Christmas week in Dublin and district were agreed upon with the Union as follows: December 17, 18, 19, 20,

nd 21, 9 a.m. to 8 p.m.; December 22, a.m. to 9 p.m.; December 23, 11 a.m. to p.m.; December 24, 9 a.m. to 9 p.m.; December 25, closed; December 26, 11 a.m. 1 p.m. The retail price of benzyl benzoate (4-oz. size) was fixed at 2s. 6d., and members were asked to further the sales of proprietary baby powder now listed as an approved item.

Committee on Management.—The President of the Board of Trade has appointed a committee, under the chairmanship of Sir Clive Baillieu, to frame detailed proposals for the formation of a British Institute of Management. The new committee is an outcome of work of inquiry undertaken last year by a committee under Sir Cecil Weir's chairmanship, when the idea of a British Institute of Management was discussed with representatives of industry and of existing institutions and associations interested in various aspects of management. The Government contemplates giving financial assistance in establishing an Institute of Management, and Parliament will be asked to approve the necessary expenditure if official support is given. The terms of reference of the new committee are: To advise the President of the Board of Trade upon the steps to be taken to form a central institution for all questions connected with management, and upon its form of organisation, functions, constitution and relationship to government, industry, existing institutions and interested organisations, and the public. In approaching its task, the Committee is asked to take into account the work carried out by the Weir Committee, information to be given about the scale of support which may be expected from the Government, the need for the institution to become self-supporting, and the necessity of appointing a strong British representation to next year's International Management Congress in Stockholm.

SCOTTISH PRECAUTIONS AGAINST EPIDEMICS

THE Department of Health for Scotland has issued a circular to local authorities asking them to make plans in advance in case influenza should assume epidemic proportions this winter. Pharmaceutical committees, states the Scottish Central Pharmaceutical War Committee, will not need to be reminded of the exceptional burden that falls on pharmacists in many areas as a result of influenza or similar epidemics. Discussions have taken place centrally as to how a measure of assistance could be provided for pharmacists in such circumstances, and it has been decided that, in the event of an epidemic, R.A.M.C. other ranks and Voluntary Aid Detachment members who are qualified pharmacists may be loaned to assist civilian pharmaceutical services.

Aid Only in Exceptional Need

The number of pharmacists who would be available if required would depend on the situation regarding Army personnel at the time of the emergency, but would in any case be small. Only in very exceptional circumstances would it be possible for assistance to be given. Before making application for assistance, therefore, Committees will no doubt consider whether pooling or alternative arrangements can be effected to cover the essential pharmaceutical work of the area. The Chief Medical Officer of the Department of Health for Scotland is writing to medical officers of health suggesting, among other things, that each M.O.H. should convene a meeting with the secretary of the local Pharmaceutical Committee and the Assistant Director of Medical Services for the area to discuss appropriate local arrangements Normally, arrangements will be that pharmacists needing assistance during an epidemic will indicate to the secretary of the Pharmaceutical Committee (or some other person appointed by the chairman of the Committee for the purpose) the nature and extent of their needs, where the services are required, whether male or female pharmacists can be accepted, and whether the assistance required is full-time or part-time. The Pharmaceutical Committee representative will, if satisfied with the pharmacist's claim, telephone it to the medical officer of health, who, if he approves the request, will then make application to the A.D.M.S., who will endeavour, so far as possible, to supply the personnel required. The financial arrangements agreed centrally are as follows:—Free board and lodging to be provided by the civilian employer. The military authorities to continue to be responsible for issuing pay and allowances in the normal way and to recover from the civilian employer at the following rates: Per week, 87s. 6d.; daily charge for periods of less than one week, 12s. 6d.; half-day (or less), 6s. 3d.

OFFICIAL ANNOUNCEMENTS

Recommended Christmas Closing.—The Ministry of Food recommends food retailers to open on Monday, December 24, and close on Christmas Day and Boxing Day.

Mails to Far East.—Air and surface mail letter services, formerly available to British North Borneo, Brunei, Burma, Hong Kong, the Malay States, Sarawak and Straits Settlements, have been restored, except for insurance and express delivery services.

Telegrams to Eastern Baltic.—The Post Office and Cable & Wireless, Ltd., announce that telegrams are now accepted for places in Estonia, Latvia and Lithuania. Business messages are restricted to ascertaining facts and exchanging information. Lists of charges may be obtained from local post offices.

Scottish Aerated Waters Industry.—The Aerated Waters Wages Council, Scotland, has given notice of its intention to submit to the Ministry of Labour and National Service proposals for increasing the statutory minimum remuneration at present in operation in the trade. Details of the proposed increase are given in a Press notice issued by the Ministry of Labour and National Service.

"Probationer Assistant Nurses."—Further Regulations permitting certain persons not covered by the Regulations made under the Nurses Act, 1943, to use a title including the word "nurse," have been made by the Minister of Health and Secretary of State for Scotland. Persons who are eighteen or over, and are gaining experience under trained nurses in a hospital or institution with a view to admission to the Roll of Assistant Nurses as "intermediate" assistant nurses, may call themselves "probationer assistant nurses." The title is valid for use in the circumstances stated until December 31, 1947.

Trade with Norway.—A Treasury Order (S. R. & O., 1945, No. 1415) has been made amending and consolidating, in particular in relation to Norway, the provisions governing the use of sterling held by persons resident outside the sterling area, and methods of payment for exports from the United Kingdom to places outside the sterling area. The Order supersedes the previous Consolidated Payments Order (June 29) and other Payments Orders made since that date in respect of individual countries. A Treasury Direction has been issued to prevent blocking of the banking accounts in this country of residents of Norway. A notice has also been published in the "London Gazette" revising the list of currencies that should be offered for sale to the Treasury to include Norwegian kroner. Following the announcement of the monetary agreement, the Board of Trade has removed Trading-with-the-Enemy controls to enable normal commercial relations to be resumed between this country and Norway. Under a new Enemy (Enemy Territory Cessation) (Norway) Order (S. R. & O., 1945, No. 1411), Norway ceases to be treated as enemy territory for all purposes of the Trading-with-the-Enemy Act, 1939. Money which has been paid to, or held to the order of, or property which has been vested in, the Custodian of Enemy Property only because the payee or owner was resident in Norway, is to be released in due course. The Norwegian Government is now prepared to consider the issue of import licences to private traders, but the issue of such licences is likely to begin gradually, and orders at present in course of negotiation for supply from the Royal Norwegian Ministry of Supply and Reconstruction will continue to be handled by that Ministry. United Kingdom exporters wishing to sell goods to traders in Norway should advise customers to apply to the Norwegian authorities for import licences. They themselves should apply to the Export Licensing Department, Board of Trade, 4 Fenchurch Avenue, London, E.C.3.

Revised Trading-with-the-Enemy List.—A new Order, effective from November 27, has been announced jointly by the Foreign Office and Board of Trade, giving a complete Statutory List (i.e. a list of all persons abroad who are specified as "enemy" under the Trading-with-the-Enemy Act, 1939). The revised list comprises (*a*) persons whose retention is required in connexion with Allied control over enemy commercial, industrial and financial enterprises and other enemy assets located outside enemy territory; (*b*) persons who have assisted in the concealment of enemy property and in the disposal of property looted from territory formerly occupied by the enemy; and (*c*) persons who, during hostilities, went out of their way to assist the enemy. A corresponding revision of the U.S. Proclaimed List has been effected by the United States Government. The new Order adds no names to those included in the various Orders which it supersedes. Copies (price 1s. 8d. each) may be obtained from H.M. Stationery Office.

TOPICAL REFLECTIONS

ales Appeal

In an editorial article on p. 592 you iscuss helpfully the difficult problem of ombining artistic design with sales appeal. ince it was written, an addition to the orrespondence mentioned in it has come om Sir Charles Tennyson, chairman of the entral Institute of Art and Design. The ief point in his interesting letter is insisnce on solving this problem in what he lls our British way. He writes: "British signers are convinced that in building up e vitally important increase in export of ritish-made goods, the quality of being ritish in design is of the utmost imporance, and we do not believe that designers om any country oversea can achieve the rticular quality of a British idiom. . . ." fter giving examples that in his judgment tisfy this condition, he adds: "Fortunely there are a number of British designers orking individually, or in teams, who are ckling these problems practically and with ccess, and I am glad to say that they ve never been so busy as at this moment." ost of us will agree that designers will cceed best, in the long run, by declining ape styles in vogue in other countries d by doing their best to popularise ideas at can be recognised by qualified judges distinctively British. While there is, or ould be, no Chauvinism in art, each untry has its own contribution to make the field of design, and this contribution ould be distinctive.

yle and Suitability

The designer's task is not altogether nple. A few of your readers can remember e days when a derogatory meaning could attached to the word "æsthetics" (did t W. S. Gilbert avail himself of it?); at e opposite end of the designer's scale of lues, the word "utility" is likely to nain under a cloud of suspicion for some e to come. Some young designer who ds this may ask, "If we cannot have her beauty or utility, what can we have?" t let him not despair. There is yet other factor to be considered, namely, t public taste is to a great extent alculable. The best-dressed shop window not always the best from the salesman's nt of view; the best container in a prize npetition may not pass with honours the t of marketing. Looking back over, say, enty-five years, we must, I fear, concede t some of our recent commercial styles ve been ugly. What qualities do we look for in design? First, I suggest, the avoidance of eccentricity; it has been well said that nothing odd will last. Secondly, that what is new should in some way be related to what has preceded it. The relation may be subtle and not obvious at a glance; but it should be discoverable. Experts will go on arguing to the end of time over the appreciation of works of art, and even of masterpieces; the commercial designer will remember, however, that in addition to satisfying his artistic conscience he is serving the public. The result, although the approach may have been from considerations of commercial policy, may yet prove —æsthetically—entirely satisfying to the purists.

James Morison

A friend has sent me a provincial daily paper of recent date containing a leading article (the contents of which do not concern either your readers or me) headed "Morrison's Pill. As might have been expected from the heading, the article includes a quotation from Carlyle's "Past and Present." In that work Chapter IV of Book One is headed "Morrison's Pill," and Chapter XV of Book Three "Morrison Again." The writer of the article referred to is perhaps unaware that by a strange slip Carlyle misspelt the surname of one of the best-known advertisers of his day. James Morison was born in Aberdeenshire in 1770; a fellow-Scotsman might have been expected to take more trouble over his name. Though he made London his home at an early age, it was not till 1825 that Morison decided to put up for sale certain kinds of pills which from experience he regarded as beneficial. Three years later these proprietaries were launched on a larger scale, and in the ten years 1830–40 his medicine stamps cost him £60,000. Among the methods of publicity used was a series of pamphlets. Till comparatively recently the imposing "British College of Health," for a long time the headquarters of his business, stood opposite King's Cross Station in Euston Road, London. If memory serves, it had a lion or some other wild animal carved in stone and erected in the centre of the parapet. On Morison's death in 1840 he was the subject of an obituary notice in "The Gentleman's Magazine" (1840. II. 437); and he has since found a place in the Dictionary of National Biography—a distinction accorded to few owners of proprietary medicines.

Xrayser

THE WEEK IN PARLIAMENT

by a Member of the Press Gallery, House of Commons

COLONEL STODDART-SCOTT asked the Minister of Labour, on November 27, if he was aware that the call-up of skilled men engaged on export business, without adequate replacement, was detrimental to the national interests; and whether he would issue instructions so that the withdrawal of labour from such firms would be suspended until the position in each case had been investigated. MR. ISAACS: Call-up on the present scale is an essential part of the Government's demobilisation plans, and the procedure already provides for cases to be investigated and considered on their merits. I am fully aware of the importance of expanding the export trade, and special arrangements have been made for protecting it from making a disproportionate contribution.

Penicillin Imports

SIR WAVELL WAKEFIELD asked the Minister of Information, on November 27, if he was aware that foreign countries, particularly Norway, were importing penicillin from the United States under the impression that penicillin was an American invention produced only in the U.S.A. What steps were being taken to correct an impression harmful to our own export trade? MR. F. J. WILLIAMS: The Minister of Supply tells me that production of penicillin in this country does not yet allow of export to any considerable extent. Meanwhile the British discovery and early development of the drug, which gained the award of the Nobel prize for medicine, has been widely publicised both by the Ministry of Information and the British Council. SIR WAVELL WAKEFIELD: Could the Minister say what steps are being taken to give wider publicity and information abroad to these countries which are improperly informed on this matter? Are any people being sent abroad to explain the position? MR. WILLIAMS: I am informed that Professor Florey has recently visited Sweden and Denmark, that Dr. Garrod has visited France and Belgium and Professor Fleming has visited Moscow. We are circulating a large number of technical journals about the matter.

Oils for Soaps

MR. WARBEY asked the Minister of Food, on November 28, whether he would extend the age limit for double soap rations for babies from one to two years. SIR BEN SMITH: No. I am afraid the supply position does not enable me to do so. The Minister had been asked by MR. W. SHEPHERD to state the total quantity of oils and fats available for soapmaking purposes on November 1, 1939, and at present. He replied that it was not possible to give figures in that form. Fats allocated for soapmaking were taken from the supplies of fats available for all purposes. In November 1939, the rate of consumption of fats and resin for soapmaking was approximately 330,000 tons per annum. Until the end of the year it would not be possible to give exact figures of current consumption but it was estimated that current consumption was at the rate of about 270,000 tons yearly.

Machinery for Chemical Production

MR. JOHN LEWIS asked the President of the Board of Trade if he would arrange to grant priorities to deliveries of machinery for the production of chemicals and raw materials required in the production of goods for export; and what administrative machinery was available for representations to be made by manufacturers who wished to apply for such priorities. MR. ELLIS SMITH: Owing to the difficulty in assessing priorities between one user of machinery and another, it is generally best to leave the machinery makers and their customers to decide on the order of priority. But special arrangements can be made for exceptional cases which deserve overriding priority. In these instances the machinery user should submit his case to the department which deals with his industry.

Discussion on Distilling

During the debate on the Finance Bill, a clause providing for relaxation of the requirements of Section 10 of the Spirit Act, 1880 (which provides that a distiller shall not be within a quarter of a mile of a rectifier's premises), came in for discussion. MR. GODFREY NICHOLSON, himself a distiller and rectifier, expressed gratitude for "at least one instalment of that inestimable gift of liberty which it is in the power of the Government to give." He paid tribute to the Excise officers for their co-operation and suggested that it was time that the whole of the Act of 1880 was replaced by regulations. The operation of the Act was an example of the harm that could be done

y relating fiscal needs to the technical processes of an industry. The result of his Act and the very rigid Excise regulations had been that, speaking generally, Britain was behind other countries, to some xtent, in technical knowledge and adaptation with regard to distilling. He hoped hat, under the new regulations, greater cope would be given to scientific progress. here had been invented on the Continent nd elsewhere certain processes by which lcohol could be recovered in very small uantities from large quantities of liquid y-products in other processes. In this ountry the effect of the Excise regulations as that these methods could not be used, though production of alcohol might become ore important than in the past.

Mr. Glenvil Hall (Financial Secretary the Treasury) replied that it was impossible for the Government to repeal the Act nd do everything by regulation. During e war, the output of industrial spirit had en controlled by the Ministry of Supply, nd distillers had not been subject to the gulations and limitations imposed on em by the 1880 Act. During subsequent scussion Mr. Godfrey Nicholson asked e Government seriously to consider hether the production of industrial alcol in this country was an economic and mmercial necessity or not. There was the ospect that it might be proved cheaper produce the spirit abroad and bring it re rather than bring the raw material to itain to produce the spirit. Mr. Glenvil all replied that the Government had the int in mind. "A certain amount of work s been done in some of the Colonies in is direction to find the extent to which, t all, molasses can be fermented and the irit manufactured there. I can assure n that it is not being lost sight of. There e some colonies that have a single crop ere an industry of this kind might be a dsend."

mmittee on Scientific Man-power

Mr. Herbert Morrison (Lord President the Council) announced, on November 29, e appointment of a Committee of leading entists and others to consider the use d development of scientific man-power er the next ten years. He had asked for interim report at an early date so as to ilitate forward planning in fields that re dependent on the use of scientific n-power. The Committee would consist Sir Edward Appleton, Sir Alan Barlow, ofessor Blackett, Mr. Geoffrey Crowther, Alfred Egerton and Sir George Nelson.

Tax-free Membership Fees

During a debate on the Finance Bill, on November 29, Colonel Erroll moved a new clause to exempt from income tax fees, not exceeding £15 a year, paid as subscription of membership to any institution or other body conducted wholly for the advancement of any branch of learning, science or technology and not operating for profit. Colonel Erroll pointed out that membership of a learned or technical society was essential to the professional man. Such membership added to and refreshed the individual's technical professional knowledge on which his earnings might depend. And by participating in the activities of the institution of which he was a member he added to the sum of knowledge stored up in that institution. It might be thought that the subscriptions were small matters, but for many technical men subscriptions of £6 6s. a year or thereabouts represented a big slice out of income. They were a burden to young men struggling to make their way in a profession, and who were now, in many instances, men who had had their careers interrupted. They would be returning from the Services and would find it difficult.

Mr. H. N. Linstead, supporting the clause, said he had a "paternal interest" in it, having moved similar motions twice during the Coalition Government. They were speaking, he emphasised, on behalf of a large number of employees who were suffering an injustice in comparison with employers and independent practitioners. "The independent practitioner of engineering, chemistry, or what you will, is entitled to deduct subscriptions which he pays to scientific societies, in so far as they are necessary in the practice of his profession. But a man with identically similar qualifications who happens to be an employee is prejudiced. He is not allowed to deduct the same subscriptions as his employer, although the employer requires him, as a condition of his employment, to belong to those societies."

Sir William Darling said the clause would be a valuable contribution to raising educational standards. The Solicitor-General (Sir Frank Soskice) replied that the reason for the distinction was that the scientist who was an employer was taxed under Schedule D, and the employee was taxed under Schedule E. Mr. Linstead interposed to say he hoped the Solicitor-General would realise that it was small consolation to any employee to be told this could not be granted because he happened to be taxed under a different schedule.

LEGAL REPORTS

Former Director Sentenced.—At the High Court of Justiciary, Edinburgh, recently, John T. Ferguson, former managing director of John T. Coats & Co., Ltd., 105–09 Broughton Street, Edinburgh, was sentenced to six months' imprisonment and fined £500 (see also *C. & D.*, December 1, p. 576). Ferguson had pleaded guilty to six charges brought under the Finance Act and the Defence (General) Regulations.

Pharmacy Act Fine.—A fine and costs amounting to £15 15s. were imposed by the Nuneaton magistrates, recently, on Ortons Chemists, Ltd., 4 Camp Hill Road, Nuneaton, for unlawfully selling a poison (Antikamnia) by retail, for selling it in a container not correctly labelled, and for effecting the sale otherwise than under the supervision of a registered pharmacist. A plea of guilty was entered on each charge. For the defence it was stated that Mr. Orton was serving a five-years' apprenticeship as a dispenser to a local chemist when the war of 1914–18 broke out and he volunteered. He served as a dispenser in the Army, and was released in 1919, but did not settle down to taking his examinations. He continued as a dispenser with his former employer until 1930, when he opened a drug store at Chapel End, later opening a second shop at Nuneaton. Chapel End was three miles from a pharmacy, and doctors at that end of the town had suggested he should take steps to secure a qualified chemist to deal with prescriptions. He did that and, when the offences were committed, there were, in fact, qualified pharmacists employed at both shops, though the pharmacist at Chapel End was on holiday when the inspector called.

Purchase-tax Evasions.—At Bow Street, London, police court, recently, Joseph Lewis Ludwig, wholesale perfumery dealer, Gunterstone Road, West Kensington, was sentenced to twelve months' imprisonment and fined £220, with £240 costs, for fraudulently evading payment of purchase tax, and for supplying perfumery in bottles not labelled with manufacturer's name and address. He was further sentenced to three months' imprisonment, to run concurrently, for forging a National Service Registration card and using a forged medical-grade card. It was stated that, since April 1944, Ludwig had dealt chiefly in "black-market" perfumes and cosmetics, made up to represent products of famous French and English perfumers. Perfumes costing one shilling per bottle were sold under false descriptions for £5 5s. each. Traders had consequen received complaints, and genuine mar facturers had suffered damage to th reputations. Ludwig's turnover was giv as £11,160, the penalties to which he w liable amounting to a £29,222 fine, w two years' imprisonment. The amount purchase tax evaded was £5,314, and was announced that proceedings would taken to recover that sum.

INQUESTS

Doctor's Overdose.—At an adjourn inquest at Preston, Lancs, recently, open verdict was returned on a physici who was found dead in the surge of a Broughton medical practitioner whom he was acting as *locum tene* Evidence was given that heroin was fou in the system, and the conclusion had be reached that death was due to an overd of the drug by injection. The coron thought the circumstances were equa consistent with an accidental overdose with suicide.

Overdose of Chloral.—An inquest at Ne castle, recently, was adjourned for furth consideration after evidence had been giv that a married woman had received sixte times the normal dose of chloral by a nu attending her confinement. Evidence w given that the nurse administered a d of chloral hydrate to the patient, w immediately complained of burning pa and collapsed. The usual dose in su circumstances was gr. 30 per fl. oz., and t deceased woman had received gr. 60 i fl. dr. The nurse, who was employed at t Princess Mary Hospital, stated that on t previous occasion on which the chlo hydrate bottle had been refilled a conc trated solution had been received. She h informed the sister, who had said, "We h better lock this up in the poison cupboar Since then she (the nurse) had never h occasion to touch the cupboard. S admitted it was the responsibility of ea person taking out a bag to replenish it, b said she had not made up the bottle in t bag used on this occasion, and thought s was taking the ordinary solution. Mr. Jo Spence Rae, Ph.C., a director of Brady Martin, Ltd., chemists, Newcastle, w supplied the chloral hydrate, said that supervised the filling of the bottle broug by a messenger from the hospital. T label now on the bottle was put on by assistant and was a copy of a dirty la previously on the bottle. This distinc read "sixty grains to the fluid drachm

COMPANY NEWS

. E. Asprey, Ltd. (P.C.).—Capital oo. Wholesale or retail chemists, etc. E. and Ellen H. M. Asprey, directors. .: 77 Abbeville Road, London, S.W.4.

ohn W. Howorth, Ltd. (P.C.).—Capital oo. Chemists, etc. John W. Howorth, .S., Bertha Fish and Dorothy Howorth, ctors. R.O.: 160 Central Drive, Black-l.

nsol Chemical Co., Ltd. (P.C.).—ital £500. Pharmaceutical and general mists, etc. Solomon I. and Anne Lyons, ctors. R.O.: 6 Broad Street Buildings, don, E.C.2.

enton & Green, Ltd. (P.C.).—Capital . Wholesale or retail chemists, opti-s, etc. D. S. Benton, M.P.S., J. Benton C. W. Green, directors. R.O.: 78 High et, Ramsey, Hunts.

ew Cross Chemical Co., Ltd. (P.C.).—ital £3,000. Manufacturers of and ers in chemicals, drugs, toilet and ographic requisites, etc. R. F., J. H., R. G. Reed, directors. R.O.: 12 Verney d, London, S.E.16.

eecreme, Ltd. (P.C.).—Capital £500. ufacturers of and dealers in chemicals, s, disinfectants, etc. William Bur-, George A. Ward and Thomas H. ies, directors. R.O.: 91 Canterbury d, Davyhulme, Lancs.

oultbrand, Ltd. (P.C.). — Capital o. To acquire a business of manu-ring veterinary chemists carried on at avenport Avenue, Withington, Man-ter. Albert E. Faust and John C. Guy, tors. R.O.: As above.

rafruit Co., Ltd. (P.C.).—Capital . Manufacturers of and dealers in Para- and other medicines. Frank H. ham, M.P.S., Eric W. James and d H. Ledsham, directors. R.O.: 191 ston Road, Ewell, Surrey.

hittaker Surgical Co., Ltd. (P.C.). pital £5,000. Cotton manufacturers merchants, manufacturers of and rs in pharmaceutical products, etc. T. and Joseph Whittaker, directors. : 442 Whalley Road, Clayton-le-Moors.

tcliffe & Gledhill, Ltd. (P.C.).—al £7,500. To acquire the business of ical manufacturers carried on as Sut-& Gledhill at Idle Moor, Bradford. S, and A. H. Sutcliffe, and A. Gledhill, tors. R.O.: 9 Charles Street, Bradford.

Radigam Institute, Ltd. (P.C.).—Capital £100. Manufacturers of and dealers in appliances and preparations deriving a therapeutic value from radioactive substances, etc. Felix Treanor and James C. P. Attwood, directors. R.O.: 52–54 High Holborn, London, W.C.1.

Prideaux Milk Foods, Ltd., has been adopted as the title, from December 1, of Prideaux's Pure Casein & Life Food Co., Ltd.

Beecham Group.—Mr. Arthur Mortimer has been appointed a director of Beecham Group, Ltd., and of Eno Proprietaries, and managing director of J. C. Eno, Ltd. Mr. W. McGeorge has been appointed a director of Beecham Group, Ltd.

C. & D. DISPENSING PRICE LIST

The following price changes took place during November 1945:—

Cost		*Due allowance has been made for purchase tax in both cost and dispensing prices*	Dispensing price					
d.	*per*		4 oz.		1 oz.		1 dr.	
			s.	*d.*	*s.*	*d.*	*s.*	*d.*
133	lb.	Acid. glycerophosphoric. B.P.C. ..	—		1	10	0	4
18	oz.	Acid. salicylsulphonicum	—		2	8	0	5
39	lb.	Acid. tartaricum ..	1	5	0	5	0	1
105	lb.	Aloe Curaçao pulvis	3	7	1	0	0	2
150	oz.	Argentum colloidale	—		—		3	7
161	lb.	Bismuthi carbonas	5	9	1	8	0	3
59	lb.	Cascaræ sagradæ pulvis	2	3	0	8	0	2
37	lb.	Emuls. ol. morrh. c. hypoph. B.P.C.	1	4	0	4	0.	1
36	oz.	Ferri et quininæ citras	—		5	1	0	9
203	lb.	Inf. rhei conc. ..	—		2	4	0	4
119	lb.	Inf. senegæ conc. ..	4	5	1	3	0	2
91	lb.	Liq. quinin. ammon.	3	4	1	0	0	2
29	oz.	Pancreatinum ..	—		4	3	0	8
18	lb.	Pix carbonis præp. wt.	0	9	0	3	—	
32	lb.	Potassii tartras acidus	1	2	0	4	—	
113	oz.	Quinin. dihydrochloridum ..	0	7	Gr.x.		2	9
94	oz.	Quinin. bisulphas..	0	6	,,		2	4
108	oz.	Quinin. hydrobromidum	0	6	,,		2	7
108	oz.	Quinin. hydrochloridum	0	6	,,		2	7
112	oz.	Quinin. salicylas ..	0	7	,,		2	8
94	oz.	Quinin. sulphas ..	0	6	,,		2	4
54	lb.	Syr. rhei	2	6	0	9	0	2
91	lb.	Tr. chloroformi co. P.1 (9)	3	4	0	11	0	2
105	lb.	Tr. rhei co. ..	3	7	0	11	0	2
19	oz.	Ung. belladonnæ ..	—		2	9	0	5

TRADE NOTES

Large Size Again Available.—It is announced by W. B. Cartwright, Ltd., Rawdon, Leeds, that the large size of Penetrol inhalant, which is of approximately twice the capacity of the small size, is now again available in limited quantities.

Tooth-powder in New Size.—Pepsodent, Ltd., London, England, have discontinued the war-time pack of Pepsodent tooth-powder and have introduced a new size, which is available in full supply. Prices and terms are given elsewhere in this issue.

Price List.—John Knox, Ltd., Cannon Street, Hanley, and 36–38 Dean Street, Birmingham, 5, announce the issue of a new price list, copies of which are available to chemists on receipt of applications accompanied by a penny stamp.

Norwegian Agar.—Under the trade name of Laminal, J. M. Smith & Co. (London), Ltd., Hampton Chemical Works, Camelot Street, Old Kent Road, London, S.E.15, have available supplies of Norwegian agar, and will submit samples on application.

Purchase-tax Exemptions.—A list of nearly seventy alterations made necessary in the price list of Burroughs Wellcome & Co., London, N.W.1, by the recent extended list of exemptions of expensive drugs from purchase tax, has been issued by the makers.

Indian Trade Visitor.—A director of Caravan Traders, importers and agents, Calcutta and Gwalior, India, will be visiting this country in the New Year for the purpose of arranging agencies and general export business. Inquiries should be addressed to Post Box No. 380, Calcutta.

Prices Reduced.—Roche Products, Ltd., Welwyn Garden City, Herts, announce reductions in the retail prices of Prostigmin tablets and 3 per cent. ophthalmic solution. The new reduced prices came into operation on December 1; details may be obtained from the manufacturers.

Cardboard Shortage.—A reminder is given by Macleans, Ltd., Great West Road, Brentford, Middlesex, that the cardboard shortage continues to be so serious that unless Macleans cardboard containers are promptly returned, it will be impossible to carry out further supplies of goods.

Bottle Return.—A considerable stepping up in the return of bottles for Ribena blackcurrant syrup is reported by the makers, H. W. Carter & Co., Ltd., The Old Refinery, Bristol, 2, who make a request that retailers should return empties by th channel of supply through which the normally receive the full bottles.

Photographic Supplies.—Chemists are in vited to save time, work and postage b sending orders for photographic supplies including enlargers, lanterns, cameras lighting sets, accessories, sensitised material chemicals and trade finishing equipment to Johnson & Sons, Manufacturing Chemists Ltd., Hendon, London, N.W.4.

Reflex Cameras.—It is announced b A. Kershaw & Sons, Ltd., Mortimer Hous 37–41 Mortimer Street, London, W.1, tha the Kershaw-Soho reflex camera wil shortly be again available. The camera i made in two sizes to take pictures $3\frac{1}{2}$ × $2\frac{1}{2}$ in. and $4\frac{1}{4}$ × $3\frac{1}{4}$ in. The makers sugge that interested amateurs should have the names included on the company's mailin list so that contact can be made.

Swine Fever Vaccine.—Evans Medic Supplies, Ltd., Liverpool, state that th new swine fever vaccine which is bein made by them at the Evans Biologic Institute on behalf of the Ministry Agriculture is not available for sale throu trade channels. When supplies are fort coming in sufficient quantity, the di tribution of this vaccine will, for son time, be handled by the Ministry of Agr culture, and it is likely that an announc ment regarding the method of distributi will be made within the next few month

Photographic Exposure Calculator.— new photographic exposure calculat which is claimed to give the answer exposure problems in twenty seconds, available from Concentric Indicator Labor tories, 36 Bourdon Street, London, W. The calculator is available at a fixed pri to users, and the manufacturers supp only to *bona fide* wholesalers and ret chemists. The item is free of purchase ta and immediate delivery is promised. I structions are provided on the face of t calculator, so that the user finds the wh thing complete in itself.

Christmas Holidays.—The following firr will close for the Christmas holidays fro Thursday evening, December 21, to Frid morning, December 27: British Scherin Ltd., 185–90 High Holborn, London, W.C (urgent orders to John Bell & Croyde Wigmore Street, W.1, or W. Martinda Wigmore Street); Menley & James, Lt 119–23 Coldharbour Lane, Camberwe

London, S.E.5; H. R. Napp, Ltd., 3–4 Clements Inn, London, W.C.2 (urgent orders to John Bell & Croyden, 50 Wigmore Street, or R. Woolby Brooke, 38 Gloucester Road, S.W.7); Potter & Clarke, Ltd. (Manchester branch will close at 5 p.m. on December 24 and reopen on December 27; the branch will also close on New Year's Day); Roché Products, Ltd. (urgent orders to W. Martindale (Wholesale), Wigmore Street, London, W.1, or John Bell & Croyden, 50 Wigmore Street, London, W.1); and Splendor, Ltd., Beastmarket Hill, Nottingham. T. H. Ford, Ltd., 13 Aldersgate Street, London, E.C.1, will close from Saturday morning, December 22, to December 27.

Business Changes

THE official address of the Proprietary Articles Trade Association is again 43 Gordon Square, London, W.C.1. (Telephone: Euston, 3275).

WILLIAM R. WARNER & CO., LTD., returned to Power Road, Chiswick, London, W.4, on December 1 (Telephone: Chiswick 4191.)

J. W. TIDSWELL, LTD., have taken over the business formerly owned by Mr. P. Matkin, M.P.S., 708 Wakefield Road, Bradford.

MR. B. J. COOPER, M.P.S., has acquired the pharmaceutical business of D. Yeates, Ltd., 62 Albert Road, Devonport. He will trade under the present title.

MR. E. W. DANIEL, M.P.S., has acquired a pharmaceutical business at 282 Ewell Road, Surbiton, formerly carried on by Mr. A. G. Graves, M.P.S.

MRS. LOUIE PIPER, M.P.S., is continuing, as proprietress, the business of her late husband, Mr. Leslie Piper, M.P.S., the Wolsey Pharmacy, 47 St. Nicholas Street, Ipswich.

MR. D. H. FRIEND, a partner in Couper, Friend & Co. (oils and fats), 33–35 Eastcheap, London, E.C.3, has been released from the Royal Air Force and has rejoined the firm.

W. & J. GEORGE & BECKER, LTD., Nivoc House, 17–29 Hatton Wall, London, E.C.1, point out that their supply departments have remained at that address throughout the war, despite damage to the premises by enemy action at various times. The "return" to London referred to in these columns recently related solely to a small temporary office, opened at Oxford during the war.

COMING EVENTS

Monday, December 10

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Market room, Golden Lion Hotel, Romford, at 7.30 p.m. Mr. R. Maxwell Savage, B.A., on "Sterilisation."

Tuesday, December 11

NORTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Hanley, at 7.15 p.m. Mr. C. Beaven, on "The Riddle of Allergy."

Wednesday, December 12

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Castle Grove, Headingley, Leeds, 6–11.30 p.m. Dinner and dance. Tickets 14s. 6d. each.

NORTH BRITISH BRANCH, PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 36 York Place, Edinburgh, at 7 p.m. Mr. Gordon Perrins, Ph.C., on "Penicillin Preparations." Practical demonstrations.

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Cleveland Scientific Institute, Corporation Road, Middlesbrough. Address by Mr. W. J. Tristram, J.P., M.P.S. (a member of the Society's Council).

BRITISH ASSOCIATION OF CHEMISTS and SCIENTIFIC FILM ASSOCIATION, 3 Hanover Street, London, W.1, at 6.30 p.m. Joint meeting. Films on penicillin, DDT, etc.

WEST HAM AND EASTERN DISTRICT ASSOCIATION OF PHARMACISTS and BRANCH, Church Institute, 27 Romford Road, E.15 (nr. Stratford Broadway), at 7.45 p.m. Mr. John Ross-Mansell, B.Sc., on "The Future of the Employee-Pharmacist. Why is a National Council of Employee-Pharmacists Essential for the Future of our Craft?"

Thursday, December 13

DUNDEE AND EASTERN AND CENTRAL SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Royal Hotel, Union Street, Dundee, at 7.30 p.m. Address by Dr. G. R. Boyes.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Mr. C. J. Blok, D.Sc. (Chief pharmacist, University and Municipal Hospitals, Amsterdam), on "Pharmaceutical Conditions in Holland under the German Occupation."

Friday, December 14

LONDON BRANCH, GUILD OF PUBLIC PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Mr. F. C. King on "Surgical Instruments."

ST. HELENS SECTION, BRITISH ASSOCIATION OF CHEMISTS, Y.M.C.A. Buildings, St. Helens, at 7.30 p.m. Mr. A. V. Harrison, M.A., on "Technical Education and its Relationship with Industry."

Sunday, December 16

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble, "Buxton circular." Meet Central station, 8.45 a.m. Book Buxton return.

MARRIAGES

BROWN—HOUSTON.—At St. Margaret's Church, Juniper Green, Midlothian, on November 28, William Buchanan Brown, younger son of the late Mr. Neilson Brown, M.P.S., Myrtle Cottage, Loanhead, to Catherine Houston, Edinburgh.

DUNDEE—KNIGHTON.—At Chelsea, London, on November 9, Patrick James Dundee, Wing Commander, R.A.F., elder son of Mr. James Dundee, M.P.S.I., Windsor Park, Belfast, to Ena Knighton, Shanklin, Isle of Wight.

DEATHS

BAKER.—On November 22, Mr. Frank Baker, M.P.S., St. Cuthberts, London Road, Devizes, Wilts, aged seventy-six.

CORR.—Suddenly, on November 24, Mr. Francis M. Corr, Soho Place, Newry, co. Down, Northern Ireland. Mr. Corr was married only about four months ago. He was a member of Newry Rotary Club, and was connected with the Knights of St. Columbanus.

DAVIS.—On November 10, Mr. Charles Davis, M.P.S., Elm Road, Lillington, Leamington Spa, aged eighty.

DIGGLE.—In the Providence Hospital, St. Helens, Lancs, Mr. Walter Saxon Diggle, M.B., Ch.B., F.R.C.S., 55 Rodney Street, Liverpool, aged forty-six. Mr. Diggle qualified as a chemist and druggist in 1920 and was for some time in business before taking up a medical career. He set up as a consulting orthopædic surgeon in Liverpool n 1937 and served on the staffs of various Liverpool and Merseyside hospitals.

EMMONS.—Recently, Mr. Charles Emmons, Ph.C., 35 Eastwood Road, Bexhill. Mr. Emmons qualified as a chemist and druggist in 1891 and as a pharmaceutical chemist the following year.

HALE-WHITE.—At Oxford, on November 30, Lady Jane Hale-White, wife of Sir William Hale-White, a former president of the Royal Society of Medicine, aged eighty-one.

KNOTT.—Recently, Mr. Arthur Knott, M.P.S., 22 Station Road, Queensferry, nr. Chester. Mr. Knott qualified in 1911.

PIPER.—At Ipswich, recently, Mr. Leslie Piper, M.P.S., Wolsey Pharmacy, Ipswich. Mr. Piper qualified in 1915. A friend writes, "In the death of Mr. Leslie Piper, pharmacy has lost one of its most devoted followers, and pharmaceutical organisations in Ipswich and district mourn and deplore his loss. A pleasing personality with a quiet, determined manner, he upheld the dignities of pharmacy in whatever capacity he was elected to serve—and his was no mean service. At his death he was president of the local branch of the Pharmaceutical Society, secretary of the National Pharmaceutical Union branch, secretary, Ipswich Pharmaceutical Committee and Ipswich and District Pharmaceutical War Committee, and a member of the East Suffolk Insurance Committee—a worthy record of pharmaceutical service. The quality of his service was always of the best. Mr. Piper took over the Wolsey pharmacy from Mr. G. N. Edwards some years ago, and his personal qualities and pharmaceutical abilities gained him many friends. Through the war years his work as secretary of the war committee entailed a great deal of time and attention, but it was always well done. He was a member of the Ipswich Rotrary Club, and of the Russell Road Bowls Club. The deepest sympathy of the local pharmaceutical world is with his wife in her great loss.

SLEIGH.—On November 15, Mr. John Lumsden Sleigh, M.P.S., 17 Main Street, Tweedmouth, aged sixty-six.

WATT.—At Edinburgh, on December 3, Dr. James Watt, LL.D., chairman of T. & H. Smith, Ltd., manufacturing chemists, Edinburgh, and an authority on commercial and company law, aged eighty-two.

PERSONALITIES

COUNCILLOR EWART WOOLLEY (Cupal, Ltd., manufacturing chemists) has been appointed vice-chairman of Blackburn Transport Authority.

MR. JOHN H. RAMSAY, Ph.C., presided at a meeting of the Town and Country Planning Association at Glasgow on December 3, when the subject was "Distribution of Industry."

FLIGHT-LIEUTENANT W. E. CONNOR, assistant secretary of the Charles H. Phillips Chemical Co., Ltd., 179 Acton Vale, London, W.3, was recently awarded the Distinguished Flying Cross.

MR. A. H. G. BOGGIS (a representative of Ayrton, Saunders & Co., Ltd., in North-west England and South-west Scotland), who recently underwent a serious operation in the Cumberland Infirmary, is now back at his home, 10 Scotland Road, Stanwix, Carlisle, and making satisfactory progress.

PENICILLIN MANUFACTURE IN FRANCE

by a Paris Correspondent

During July, production of penicillin in France reached a level of more than 3,000 containers, each representing 100,000 Oxford units of penicillin. When penicillin first began to be produced by the Allies, France was still suffering from the results

Making Penicillin in France

of enemy occupation. In spite of poverty of resources, however, the young director of the military health service (Colonel Debenedeti), with Captain Broch, prepared plans for the preparation of the drug. A small supply of the necessary materials was made available, and work was begun in a garage.

Production under Difficulties

The only advantage of the garage was that it was close to the Pasteur Institute. Lack of modern machinery and the poverty of chemical stocks were sources of great difficulty, but a small group of workers, including Captain Kerharo (a pharmacist attached to the Institute for Scientific Research and a former pupil of the Pasteur Institute) and Captain Netik, an army doctor, worked out the technical details. In three months, the centre had been constructed. Fermentation apparatus was installed, partitions erected, and everything made ready. But thousands of bottles were needed to cultivate the penicillium, and there was a shortage of glass in France. Attention was turned to stoking the fires for the construction of bottles and, despite shortages of raw materials, output began.

Owing to production difficulties, it was decided that the culture should be developed in Paris, but that the actual extraction of the drug should be left to the Rhone-Poulenc organisation, which had more facilities for the work in their factories in Vitry. Within a short time, the Vitry laboratories were placed at the disposal of the army, and soon the Roussel laboratories were also playing a part in the extraction. After a time it was decided that, as penicillin was needed so urgently, there was no time to wait for it to be extracted at Vitry, and an attempt was made to recover the drug from the urine of soldiers who had been treated with penicillin. Collection was difficult and the yield discouraging. Unless the urine was properly conserved, the penicillin was destroyed, and if it became too alkaline, or the extraction was not made immediately, the process was useless. The workers persevered, and ultimately were able to organise a regular service, giving an extraction rate of 100 doses of 100,000 Oxford units from 300 litres of urine.

"Black Market" in Penicillin

The success of penicillin has turned it into a "cure-all" in the eyes of many people, and their gullibility has been used to make enormous profits from the sale of the drug by "black-market" vendors. The drug is stolen, and often by the time it is sold it has lost its efficacy. A warning has been given to the public, however, only to take penicillin if prescribed by a doctor, and then to obtain it through legitimate channels.

Return to the States.—They came, at first a few and then a drove, the Æsculapiads of the New World to succour war-torn Europe. . . . Up sprang their hospitals almost overnight: clean wards and messrooms, well-ordered stores, theatres, and pharmacies. In their laboratories were shiny benches, virgin glassware, and crystal-clear solutions. . . . Everywhere efficiency and quality, with sufficient of everything for the job in hand. . . . They went as quickly as they came. . . . There is dust on the empty shelves of the pharmacy, the little trim gardens are overgrown, and the white sentry-box is empty. Now, only the miniature house is inhabited which the mess sergeants built for the tomtits.—From the "Lancet."

INDUSTRY'S RELATIONS WITH THE STATE

The President of the Federation of British Industries Reviews Recent Work of the Federation and Outlines a Policy for Industry in its Relations with the Government

ACKNOWLEDGING that the Government and Private Enterprise have both their rôles to play in industry, Sir Clive Baillieu (president of the Federation of British Industries) made a strong plea on November 30 for a close and friendly alliance between the two. He was speaking at a meeting of the Federation at Manchester.

Manchester, he said, was the largest district of the Federation. Members in that area had contributed directly to the framing of policies and decisions of great importance to British industry. What had they been doing at headquarters to place members in a better position to meet the problems of today and tomorrow?

The choice of a successor to Sir Guy Locock as chief executive had fallen upon Mr. Norman Kipping, who would assume office as director-general early in the New Year. The complexity of the problems which today confronted the president and staff of the Federation had led them, with the full approval of the Grand Council, to develop the president's advisory committee into an active and effective body. It constituted a forum for himself and staff to thrash out, in the preliminary stages, some of the many problems which confronted them, and would, he believed, facilitate the task of the Grand Council in the formulation of policy.

Results of Budget Representations

Referring to the recent Budget, the president said the F.B.I. had made representations to the Government in September, in which they had emphasised the importance of reducing the taxes that weighed most heavily upon productive industry and initiative. They could congratulate themselves that, on the whole, the basic principle adopted was that advocated by the F.B.I. The need for national saving still existed, and he felt certain members of the F.B.I. would continue the support which they have given in the past to the National Savings movement. Failure to support the Government of the day in restoring the balance of the national finances would inevitably lead to an extension of the present system of rationing and price control and still more onerous forms of taxation. In return, the nation was entitled to require of the Government itself the highest standard of financial rectitude and control of public expenditure.

Export Assistance

The Federation had been giving a great deal of attention to the means by which it could help exporters. It had appointed a representative Export Committee, which had issued a report on export sales methods, giving advice as to the best methods of overseas representation. The Federation was raising with the Government the need for national publicity abroad in the interests of industry. Efficient production and intelligently directed publicity must be linked to active and aggressive salesmanship, and full use must be made of the acquired knowledge and intimate connexion with local needs which the British merchant possessed. Nearly three years previously the Federation had set up an Industrial Research Committee under the chairmanship of Sir William Larke. The report of this committee, issued in October 1943, had been accepted as a standard authority, and many firms and sections of industry had expanded, or planned to expand, their research activities. The Federation followed up by establishing the Committee as a permanent standing committee of the Federation with a full-time qualified secretariat. The Committee was now organising a Conference on "Industry and Research" to be convened at the Kingsway Hall, London, on March 27 and 28, at which distinguished and eminent personalities would preside. The Committee and secretariat were also actively engaged in carrying out a "Domesday Book" survey on research activities and facilities in this country.

Government's Task

The task which today faced the country and the Government, said the speaker, embraced the reconversion of man-power, plant and equipment to peace-time purposes; securing adequate supplies of food and raw material from overseas to sustain life and industry; and making overseas payments now that British purchasing power had been drastically reduced by loss of export markets, sale of foreign assets, and loss of income from shipping and other services. Within the so-called "sterling" areas there was concentrated something like one-third of the world import trade. It was obvious that this great area of trade and finance would exercise a direct influence on the future shape of trade and currency relationships. The country could

not hope to achieve a stable international currency system, freed from exchange controls, until the free convertibility of sterling in terms of foreign currency was established on a sound balance-of-payments position from Great Britain. This would require international agreements on subjects now under discussion between the Government and U.S.A. It would demand a sustained national effort, and call for national leadership of a high order. It was the duty and the desire and the determination of industry to raise its efficiency to the maximum degree. An important factor was to ensure that the functions of management were performed throughout industry with the utmost efficiency, and he had been appointed chairman of a committee that had been set up to consider the problem.

Challenge to Industry

Much remained to be done to place industry on a sound competitive footing, and the challenge to industry called for continuous co-operation and the establishment of a gradually widening area of common agreement. The spirit of faction must be tempered with a wise restraint. He did not qualify his profound belief in Private Enterprise. If Britain were to regain her export trade and her position as the world's greatest international trader, free rein must be given to qualities of initiative, adventure, and risk-taking, that had made the country great. The goal of full employment and an ordered system of international security must rest upon the basis of human freedom. They must press continuously for the removal of all controls not essential for the transition from war to peace. But, whilst this was his industrial creed, he did not assert that Private Enterprise was without blemish, nor did he share the view of those who saw in Private Enterprise an alternative to Government in certain spheres. They must be willing to face facts, and where weaknesses existed, correct them rather than run the risks involved in fundamental alterations in the whole structure of industry. The courage to face facts, the genius for adapting its institutions to changing needs, had been the peculiar hall-mark of the British race and nation. Today, in a changed and changing world, they could no longer regard the question of Government and Private Enterprise as a moral issue, as a question of black and white, or even as a battle of ideologies. The inescapable fact was that Government and Private Enterprise had appropriate rôles to play, and that the rôles should be complementary. Already the manifold and complex problems—parliamentary, legal, economic, and social—involved in the transfer of vast undertakings to public ownership, were better realised than they had been even a few months ago. They must be solved if the whole policy was not to fall into disarray. Then, the acid test of efficient operation would fall squarely on the industries and services involved. Smooth and efficient operation of the industries selected by the Government for transfer to public ownership was essential for the restoration of the national life. But let them not blink the issue. If the policies failed, it would not only be the failure of a doctrine, but of a great and ancient nation. Whatever political views it might hold, industry would not be obstructive, would not adopt "go-slow" tactics; would not stand on questions of form and procedure. They recognised that the control of industry was no longer solely and exclusively a matter for the proprietors; it implied, as well, responsibilities to shareholders, operatives and the public. As an essential corollary, they would expect the Government to assure to industry the greatest possible freedom to operate within the law, and to protect the public against indiscipline and indifference to constituted authority and agreed procedures of certain irresponsible elements, which threatened national stability and recovery, and inflicted grievous hardships on all citizens. All policies and decisions affecting the trade and industry of the country must be tested by reference to their effect on production and employment. They asked that services and industries operating under public ownership should do so under conditions of conduct no less exacting than those developed under Private Enterprise.

History's Verdict

The verdict of history would surely be that, in the greatest crisis in human affairs, this country again saved herself by her exertions and the world by her example. She would continue to hold her place in the van of the United Nations in establishing a rule of law throughout the world—so long as all remained true to the best traditions of the race, so long as they exorcised the spirit of faction which threatened unity and freedom, and so long as they remembered the injunction of Edmund Burke's: "Magnanimity in politics is not seldom the truest wisdom. A great Empire and little minds go ill together." Dangers of the unknown would be surmounted if the wisdom of the great philosopher-statesman were heeded.

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L. CXLIV DECEMBER 8, 1945 NO. 3435

Canvassing by Council Candidates

E Council of the Pharmaceutical Society Great Britain has issued to all branches a ular with the title "Canvassing by ncil Candidates" in which notice is en that it is proposed to make the owing by-law:—

A candidate shall not canvass for votes request any person or organisation to do on his behalf. Where a majority of the embers of the Council present at any meeting satisfied that a candidate has done either the above acts he shall be disqualified for ection or his election shall be null and void. he Council shall provide reasonable facilities nually for the publication in the "Pharmaeutical Journal" of a statement of policy each candidate and for the circulation ith the voting papers of biographical details each candidate.

he reason, the circular states, for bringforward this proposal is:—

that advertisement whether in the Press or way of the circularisation of members or herwise was not in keeping with the charter of the Society and the tradition of bodies of a similar kind and introduced nancial considerations into the election."

ur interpretation of the proposed by-is as follows. Candidates themselves be prohibited from issuing election resses stating their policy and from vassing for votes, and their supporters to be similarly bound and their active port suppressed. A branch which has nominated a candidate will not be allowed to hold supporting election meetings in order that its members may hear their own and other candidates' views and question them on matters of pharmaceutical policy, for by so doing candidates and their supporters would be "canvassing for votes." At the very time when everything possible should be done to stimulate discussion on pharmaceutical politics, this proposed by-law, if passed, would suppress the views of candidates and silence discussion amongst members. The trouble in the past, which has militated against a full interest being taken by members of the Society in their own affairs, has been not that too much is known about the people they are asked to vote for and the policies they stand for, but that they have known far too little. The operation of the proposed by-law would only result in restricting still further the much-desired enlightenment of the electorate. Apathy due to lack of knowledge of facts, which is acknowledged to be prevalent even under present conditions, would be accentuated.

New candidates would be penalised in comparison with old members of the Council seeking re-election. Existing members of the Council are, in the nature of things, better known to pharmacists than are newcomers, and consequently need less facility to make known their qualifications, policy, and any other reasons why they should be elected. The by-law would thus have the effect of strongly reinforcing the *status quo* and discouraging the voicing of new views, possibly unwelcome to those in control at any particular time. It seems to us the one safe action for candidates will be to get themselves interned at Bloomsbury Square.

The only medium to be allowed candidates for submitting themselves to the electorate is to be a notice in the journal of the Society. Apparently, candidates are to be forbidden to make use of publicity in the independent pharmaceutical Press. For instance, it has been the practice to publish in THE CHEMIST AND DRUGGIST substantial statements of policy of each candidate, together with their portraits, naturally without expense to the candidate. This does not carry with it any "financial

considerations" mentioned in the Council's circular. The invidiousness of leaving the power of cuttin! to conform to the space available for candidates' statements of policy in the hands of the official organ of the Society becomes obvious when it is considered that a candidate may be propounding a policy opposed to that of the existing authorities, but which, none the less, he is democratically entitled to put forward and of which the electorate is entitled to have details.

On the question of "tradition," also mentioned in the circular, we await explanation as to why publication of a candidate's policy in the journal of the Society would be in keeping with tradition, while publication of a similar statement in the independent pharmaceutical trade Press would not. Without exception all members of the Council as at present constituted were pleased to take full advantage of the space provided in the columns of THE CHEMIST AND DRUGGIST when they were candidates.

The "character and tradition" of the Society are not, in our opinion, those of a scientific body, but of an organisation comprising groups of people practising their calling in very different ways. That being so, differences are bound to arise between them which can only be resolved if the causes of each group are promoted by persons who have given proof of their ability as advocates and champions. In a learned Society, possibly no such considerations arise. The bases of selection are usually character and personality, and a brief statement of policy may be adequate. This position does not obtain in pharmacy, where policies must be strenuously advocated and where, if members are denied publicity, other and perhaps less suitable forms of bringing their views to the notice of the craft may be resorted to.

The circular issued by the Council states that branches had previously been asked their opinion on this proposal and that "replies were received from nineteen, the majority being in favour of the proposal." There are approximately one hundred and twenty branches of the Society, only nineteen of which were sufficiently interested to send in a reply. It is noteworthy that when the matter was first submitted to the branches it was in the form of a suggestio to be put into operation voluntarily if th branches agreed with the idea. The sma number of replies received is a clear indica tion that the branches, for one reason c another, felt the inquiry did not call fc a reply. Now that it is proposed to dea with the matter in an entirely differen way—by way of compulsion—the numbe of replies will be much more representativ and they will no doubt provide the Counc with a decisive expression of opinion.

Increased Chemical Exports

INTENSE preoccupation with export bus ness at the present stage of trade recover makes the latest figures of internationa trade more than usually illuminating. Th war brought about an enormous ga between Britain's import and export figure towards the narrowing of which the preser export policy is directed. Much remains t be done before this objective can b achieved.

In 1938 (nine months) imports wer valued at £690 million, whereas export together with re-exports, in the sam period totalled £399 million, an advers balance of £291 million. Comparativ figures for nine months of 1945 are Imports, £871 million; exports and r exports, £309 million, a deficit of £56 million. The figures in the 1945 perio however, compare favourably with those the previous year, in which the deficit wa much larger at £785 million. It is difficu to trace in detail the gradual return t normal conditions by means of the trad figures because the effects of numerou non-commercial movements of goods (e. famine supplies to Europe) have to b taken into account.

Among manufactured goods dealt wit by the report the third largest export valu for the nine months is represented b "chemicals, drugs, dyes and colours," whic totalled £26,614,813, against £20,421,51 in 1944 and £16,709,842 in the correspondin period of 1938. The increase in value i 1945 over the 1938 figure is therefor £9,904,971, a creditable advance. Th increase is, in fact, the largest increas among all groups of manufactured article in the particular period mentioned.

AN ENTHUSIAST FOR CONIUM

by Adest

THE brief statement in "Pharmacographia" (2nd edition, 1879) that the use of conium in modern medicine "is lue chiefly to the recommendation of Störck of Vienna" is a reference to an dvocacy which subsequent history shows o have been over-enthusiastic. Antony Störck, "Aulic Counsellor, and a Chief hysician, to Her most sacred Majesty, the mpress Queen [Maria Theresa] . . ." rote two essays and a supplement on the irtues of conium, with particulars of eventy-nine cases cured or relieved by it: he three pamphlets were translated from atin into English in 1760–62, and at arious times into other languages. During he first half of the eighteenth century the eputation of hemlock as a virulent poison nsuitable for internal administration peristed, though medical authors were beginning to suspect that it might not be so deadly s had been believed. John Quincy remarked ("Pharmacopœia Officinalis & xtemporanea," 1718) that hemlock was ometimes mistaken for parsley, but seldom ith a fatal result. After citing from ttmüller, however, a case of a man who as cured of "a schirrous liver and spleen" y taking a drachm of conium root daily, e added: "But we have but indifferent arrant for such Practice; and so antiently s *Diascorides* [*sic*], does it stand rejected om all inward Use. . . ." Robert James ave his opinion of the plant, with similar aution, in Volume II of his Medicinal ictionary (1745): "*Ray* mentions twenty rains of the Root in Powder as a most ffectual Diaphoretic in malignant Fevers, nd Quartans . . .; but I should not dvise its Use." The Viennese physician ook the further step of prescribing conium nternally in diseases of many kinds.

laiming Too Much

When he reached the "Necessary Supplement" to his two essays, Störck seems to ave realised that his evidence had proved o much. Administering extract of conium n varying doses (in some cases up to gr. 80 aily), he continued to make sweeping laims for it and to answer criticisms, but oderated his enthusiasm. Whereas, for nstance, in his first essay he had stated utright "That it cures cancers," the correponding claim in the supplement reads: It cures a *cancer*, or mends its virulence; rings on a laudable suppuration, and eases he pains." Even with such amendments, the list of ailments said to yield to treatment with conium fills thirteen pages out of a total of forty-seven. The list includes such diverse troubles as rickets and defective speech. The pamphlet ends with a section headed "Admonitions," in the course of which he advises his readers not to conclude that this remedy will always cure. "Could any man write with more sincerity and honesty?" he asks.

Fallen into Disfavour

In this country conium has been prescribed internally for a long period, but, it seems, without attaining any great vogue. The earliest reference I have traced occurs in Horace Walpole's "Journal of the Reign of George the Third from the Year 1771 to 1783." Under the date February 8, 1772, he noted, regarding the death of the Dowager Princess of Wales, that the only medicine she was known to try for the throat trouble of which she died was hemlock. Hugh Smythson, in "The Compleat Family Physician" (1785), attributed the origin of its internal use "within a very few years" to "an ingenious foreign physician," adding with non-committal precision that it had "acquired some degree of reputation." Daniel Hanbury expressed the view, in his address from the chair of the British Pharmaceutical Conference in 1868, that "the only preparation which retains the active principle of the drug, in sufficient quantity, is the preserved juice, given in the dose of from 2 to 8 drachms." (The official range of doses was lower.) Conium and its preparations have now fallen out of favour.

Toothpick Etiquette.—"An American columnist who has just been advising his readers that it is now 'socially right to use a toothpick so long as the mouth is covered by a napkin while doing so' is probably unaware that at one time the correct thing to do with such an implement was to display it as ostentatiously as possible. When we first imported them from France and Italy centuries ago toothpicks were regarded as a hall-mark of 'gentility'; so much so, indeed, that those who possessed one marked themselves off from the 'have-nots' by wearing it in their hatbands. Sir Thomas Overbury, describing in his 'Characters' a courtier in the pink of fashion, laid special emphasis upon 'the toothpick in his hat.'"—"Manchester Guardian."

WEST KENT REUNION DINNER

On November 28, the annual reunion of the West Kent Branch of the Pharmaceutical Society was revived. The guests were received by the president (Mr. Allan Bone, Chislehurst), and Mrs. Bone was presented with a bouquet on behalf of the Branch.

Proposing "The Pharmaceutical Society of Great Britain," The President said that West Kent had been the dumping ground for bombs, flying-bombs, and rockets, but people, including particularly pharmacists, had managed to carry on. Mr. W. S. Howells, Richmond (a past-president of the Pharmaceutical Society and a member of the Council), replied. He said that, since the change of Government, they had not yet been able to get a deputation to the Ministry of Health, although the Minister (Mr. Aneurin Bevan) wanted to see them. What shape the service was going to take they did not know, but he felt they had nothing to fear. No National Health Service could be complete or comprehensive without the pharmacists.

Miss A. McCarthy (secretary, Croydon Branch) proposed "The West Kent Branch of the Pharmaceutical Society" and Mr. V. O Lewis, Bromley (assistant secretary, West Kent Branch), responded. The West Kent members were "a mixed lot"—private, hospital, and company chemists, employers employees, women and men and they all got on well together.

Mr. Eric Neal (vice-president) submitted "The Visitors," and Mr. R. H Thorpe, B.Sc. (Wellcome Physiological Laboratory), replied.

Among those also present were Mr Wallace Pring, Bromley (secretary), Mr. A. W. Jutton (treasurer) and Mrs. Jutton Mr. and Mrs. J. Price, Beckenham, Mr. and Mrs. Stoyle, and Miss Stoyle.

WEST HAM SURVEYS THE FUTURE

Mr. H. N. Linstead, M.P. (secretary, Pharmaceutical Society) addressed the West Ham and Eastern (London) District Branch of the Pharmaceutical Society on November 23 on "The National Health Service in the Light of the General Election." Mr. Gordon Harris, Ilford (chairman of the Branch) presided. Mr. Linstead assured the audience that a socialist experiment would be certainly tried out in a National Health Service.

During Mr. Willink's tenure of office considerable agreement was reached between pharmaceutical interests and the Minister. It seemed that the new Minister (Mr. Bevan) had decided to ignore the results of the conferences and discussions, and to return to the original Beveridge scheme. The health centre, which had been relegated to the position of an experimental adjunct under Mr. Willink, was now in the centre of the picture. There were two axioms pharmacists should endeavour to impress on the Legislature, namely that chemists' shops were now giving the best possible pharmaceutical service to the public, and that the facilities now available should not be lightly put aside. Mr. Linstead hoped the Insurance Committee organisation could be adopted. Then Pharmaceutical Committees might have a new lease of life. Mr. Linstead reiterated that dispensaries in health centres need not be organised unless chemists' shops proved not efficient. There was a heavy responsibility on individual chemists to press home this point of view. No addition to the dispensing units, whether privately-owned pharmacies or publicly-owned dispensaries, should be permitted unless there were a definite consumer need in the district concerned.

In reply to Mr. A. Blackley, who asked if there were any real justification for a National Formulary, Mr. Linstead agreed that the refusal of pharmacists in Scotland to embrace any formulary for N.H.I. had tended to keep dispensing on a much higher professional level than in England. Mr. J. I. Cattaway asked if anything might be done in the way of propaganda to convince the public that a dispensing service from the chemists' shop was to its advantage. The reply was that the main onus of doing this was on the individual pharmacist.

To Mr. T. W. Hill the speaker explained that it was hoped each pharmacy would be able to employ at least two pharmacists, with staggered hours. Mr. S. Robinson suggested there was a danger in giving Pharmaceutical Committees the power of decision whether a new unit might come into the scheme, but Mr. Linstead said the work of the district committees during the war, and their recommendations to the Central Pharmaceutical War Committee, had showed how unbiased such a Committee could be. A vote of thanks proposed by Mr. J. Reed and supported by Mr. W. Cloud was enthusiastically carried.

DUMFRIES DISCUSSION ON ORGANISATION

At a district meeting held in Dumfries on November 22, the Glasgow and South-western Scottish Branch of the Pharmaceutical Society organised an open discussion. Mr. Andrew Officer presided and Messrs. MacCrone (vice-chairman) and Hughan (acting secretary) completed the Glasgow party. Appreciation was read from the promoters for an amount subscribed by Dumfries to the Soldiers' Gift Fund. The Acting Secretary brought to the attention of the meeting the Society's War Aid and Benevolent Funds, and hoped for increased contributions in the near future. The Chairman expressed the view that the people of Dumfries were not *au fait* with all that went on in the Glasgow Branch, and hoped that his remarks would give a lead for discussion. He spoke of reorganisation of the Society, and suggested that an alteration to the constitution might be desired owing to the great increase in membership of recent years. Broader foundations for discussion were necessary, and it was ever more apparent that territorial representation for Scotland on the Council was increasingly necessary. The personnel of the Council, consisting of twenty-one members, did not appear large enough to give support to 25,000 pharmacists on the register. Payment of councillors might lead to equal opportunity.

Mr. Cochrane, Dumfries, suggested that, according to the number of pharmacists in Scotland, there should be four representatives on the Council, but Mr. MacCrone replied that complaints from Scottish pharmacists should be dealt with by the North British Executive, Mr. Culbert reminded the meeting that Dumfries and Galloway had no representatives.

Mr. Hughan spoke on the future for the young qualified man, and the avenues open to him. It was suggested that the adoption of a private dispensing code could easily be effected in the Dumfries area, and that a standard charge should be adopted for private dispensing. This met with unanimous approval. Mr. Walker asked if the Glasgow Branch was in favour of the C.F. scheme, and Mr. Officer gave some interesting comments on C.F. lines that appeared to be in favour at present. Mr. Hughan thanked Messrs. Murray and Lockerbie for the arrangements that had been made on their behalf.

IN THESE ENLIGHTENED TIMES

The Council of the Pharmaceutical Society of Great Britain is considering a new by-law to prohibit canvassing by candidates and their supporters, and to control election publicity at Council elections. (Editorial, p. 619.)

ULSTER CHEMISTS' ASSOCIATION

THE annual meeting of the Ulster Chemists' Association was held in Belfast on November 21, Mr. A. E. Johnston (president) in the chair. MR. JOHNSTON said the Association was honoured and pleased to have present Messrs. E. A. Brocklehurst (chairman, National Pharmaceutical Union), T. Heseltine (president, Chemists' Friends Association), and L. G. Smith (president, Irish Drug Association), and their wives. He thought it was the first time that the chairman of their opposite number in England had been to their annual meeting, and it was certainly the first time that the presidents of the N.P.U., C.F.A. and I.DA. had all been with them at that event. They were also pleased to see Mr. James McDowell (president, Pharmaceutical Society of Northern Ireland), a useful member of their own Executive. He would like to single out for mention the officers or representatives of their local organisations who had been able to attend. Those groups to his mind were the backbone of their Association; the provincial associations (if he might so call them) had been one of his special interests throughout the year, and he would like to express his best thanks to them all. Some had already been established and he had been privileged to have the opportunity of attending their meetings. Several others he had been instrumental in starting, and he trusted they would be successful. All members, said the chairman, were thankful that world war 2 had been successfully concluded. The end of hostilities had not, unfortunately, brought any great measure of relief to their business. They heard of the need of export trade one day and of strikes another day, while purchase tax and controls were still with them. However, there were hopes that in the New Year, when the new British Government announced its first large-scale Budget, welcome changes in that field might occur.

The Year Reviewed

Of primary importance during the year had been the Medicines, Pharmacy and Poisons Act (Northern Ireland), 1945, which had come into operation (except for a few clauses) on July 1. Generally the Act would tend to raise the status of the pharmacist and placed him on a higher professional level, but there seemed to him to be little or no reward for that high status. Bitter disappointment was felt everywhere that little or no protection had been established for the chemist in the bulk of his bread-and-butter trading: proprietary medicines. The description "substances recommended as medicines" surely in itself should warrant that the distribution of such substances to the public should be confined to those whose training and career was devoted to such things. The only protection in the Act, and it was a step in the right direction, was that such goods could not now be sold from a stall, van or barrow. He felt chemists in Northern Ireland should assert themselves. They should keep pressing for protective legislation. Meanwhile, each could help himself by using the utmost discretion in stocking and selling new and untried lines. Members should also "get on their toes" towards the Chemists' Friends movement. Now that the Northern Ireland C.F. Committee had been formed, a closer liaison should be built up between members and the parent body in England. When supplies became more plentiful, a vigorous C.F. campaign would be called for, which, if taken up seriously by all, would do much to establish the right of chemists in the sale of "substances recommended as medicines."

Remuneration for Dispensing

Their next immediate concern in Northern Ireland, and, if he might say so, throughout the British Isles, was the present reward for National Health Insurance services. Speculation on the introduction of new health schemes was rife. In Northern Ireland members were agreed that the present contract was bad, and that they could not continue at the present rate of remuneration. They had had time to consider and weigh the proposals which their committee had presented to the Government. The proposed revision of the contract was a big task, and its preparation had occupied the attention of the committee during the greater part of the year. He thought members would agree it was a comprehensive review of the whole contract, and that the proposals made were just and equitable. They had been acquainted with details of the test carried out on average times taken to dispense, not including ancillary work. He submitted that, on that revelation of facts, the dispensing of N.H.I. prescriptions for the fees paid at present, which did not even cover direct labour charges, was a loss, and that the margin allowed on drugs, etc., did not compensate for other overheads. No reply had yet been received from the Ministry. Meanwhile it behoved

every one to consider the professional position seriously; they should try to envisage what would happen if a much wider application of health insurance was established, involving 99 per cent. of the population. The loss of virtually all private dispensing work would never be substantially compensated, and payment at much higher rates than those for the existing contract would have to be given. He would like members to give a clear direction to the committee should the Ministry not accept their present proposals.

N.P.U. Chairman's Address

Mr. E. A. Brocklehurst (chairman, National Pharmaceutical Union) assured the president of the good wishes of the N.P.U. Executive. He apologised for the absence of his secretary (Mr. Mallinson). The N.P.U., he said, appreciated the co-operation of the Ulster Chemists' Association and knew it could rely on their assistance and friendship on all occasions. The Union had had a busy time during the war years and had been gratified at the success of its two war funds, the Air-raid Assistance Fund (4,500 members) and the Air-raid Distress Fund, which had collected £36,000. They also had had a remarkable response to the clearing-house scheme; payments were now £4,000,000 a year, and this represented not only a considerable saving but an inducement to pay accounts regularly and systematically. After a year's working of the Joint Industrial Council agreement pharmacist employers were being faced with a demand for a further increase. He hoped an extension to Northern Ireland could be arranged of the Business Purchase and Guarantee Fund, by which they endeavoured to retain businesses in the hands of independent proprietors. More than £180,000 had been subscribed, and many businesses had already been purchased. The sponsors trusted that publicity given to the scheme, and the name of the N.P.U. behind it, would ensure continuance of the independent proprietor in pharmacy, and would give him—and the wholesaler and manufacturer—added strength through the coming years.

Organiser's Report

The annual report, presented by Mr. James McClenahan (secretary-organiser) told of steady progress and maintained service to members. The financial statement was satisfactory. The deaths of two members and of a former member were recorded with deep regret (Messrs. John Hall, Larne, for many years a member of the U.C.A. and president of the East Antrim Pharmacists' Association; Jack Buchanan, Londonderry, secretary of the Londonderry Chemists' and Druggists' Association; and James Macauley, Belfast, president of the U.C.A., 1926); all three would long be remembered with affection. The Associates' Section had continued to make progress, and now had a total membership of 283. Excellent relations had been maintained between members and associates, and the realisation was growing that, in pharmacy, employers and employees had interests in common. The need for co-operation and concerted action, both in public service and N.H.I. dispensing, was mutually recognised. During the year a dispute between an employer and an employee had been decided by the Joint Council, and both parties had expressed satisfaction with the decision.

The conclusion of hostilities had awakened a hope and desire for removal of wartime controls. The change to peace-time conditions would of necessity present many social problems, in the solution of which pharmacists must play their part. In particular, vigorous action must be taken when necessary to oppose any tendency to retain controls unnecessarily.

Mr. W. J. Rankin (treasurer) presented the financial statement, which was adopted on the motion of Mr. Joseph Wellwood, seconded by Mr. J. A. McRoberts.

Retiring Members Re-elected

The following eight retiring members of committee were re-elected: Miss C. E. Culbert, Messrs. Fred A. Ferguson, A. T. Hardy, A. E. Johnston, James McDowell, R. McEwen, E. Richey and W. C. Tate.

Mr. Heseltine made a strong appeal on behalf of the Chemists' Friends Association, and spoke of endeavours made by other trades to take from chemists their legitimate trade. The greengrocer, grocer and ironmonger were prepared to sell a ready-selling "patent" medicine after the chemists had made a market for it. A large number of manufacturers had agreed to restrict the sale of their products to chemists, and he urged members to make sure that goods were marked "C.F." He gave a warning against certain forms of window display which were objectionable to members of chemists' associations.

Mr. Lyall G. Smith, fresh from a delegates' meeting in Limerick, brought greetings from the Irish Drug Association, stating that it was similar in many respects to the U.C.A. in that it existed for the betterment

of pharmacists. Its members were out for reserving chemists' goods to chemists and to prevent exploitation of pharmacists by manufacturers. They were not operating the Chemists' Friends scheme as such, but were operating a scheme along similar lines; in fact, he felt it went further in some respects, possibly because practically every chemist in Ireland was a member of the I.D.A. They were very loyal members. In the South it was felt the time was ripe for a new Public Health Bill to be put through, and he was glad to know that the co-operation of chemists was being sought.

First Annual Dinner

The first annual dinner of the Association was held in Belfast on November 21, when it was announced that the Ministers of Labour (Rt. Hon. W. Brian Maginess) and of Health and Local Government (Rt. Hon. William Grant) were to be the principal speakers. Members expected a statement on the operation of the National Health Insurance scheme, particularly as to an increase in remuneration, but this did not fructify. However, the speeches gave the impression that both Ministers were alive to the difficult position in which many chemists find themselves. MR. A. E. JOHNSTON, who presided, said that in the field of pharmacy and in medical circles throughout the British Isles there was much speculation concerning National Heath Insurance. Whether the scheme in Northern Ireland would be transferred to the Ministry of Health and Local Government he did not know, but many felt remodelling the present system would prove more acceptable.

MR. GRANT said that people should not get into their heads that they in Northern Ireland were going slavishly to follow the other side in any scheme that they might bring forward. In post-war social policy Northern Ireland, after taking the best advice it could get, would devise a scheme. MR. P. R. W. SHINNER proposed "Our Guests," and the toast was responded to by Dr. George Campbell (president, Northern Ireland Branch, British Medical Association) and Messrs. E. A. Brocklehurst (chairman, National Pharmaceutical Union) and Lyall G. Smith (president, Irish Drug Association). "The Pharmaceutical Society of Northern Ireland" was proposed by MR. A. STEEDE and replied to by MR. JAMES MCDOWELL (president). The vice-president of the U.C.A. (MR. T. A. GIBSON) proposed "Our Local Associations," Mr. J. W. SANDFORD (president East Antrim Pharmacists' Association) replying.

Group taken at the annual dinner of Ulster Chemists' Association on November 21. Included are the Ministers of Labour and of Health and Local Government and the president (Mr. A. E. Johnston).

RECENT RESEARCH

Leather Preservatives.—A recent issue of the "Journal of the American Leather Chemists' Association" suggests that grain-finished leather is usually more resistant to mould growth than flesh-finished. In the protection of leather against mould and mildew, paranitrophenol, parachlormetaxylenol, pentachlorphenol and tetrachlorphenol are effective as ingredients of polishes. A mixture of 0·8 per cent. each of paranitrophenol, parachlormetaxylenol, and tetrachlorphenol is suggested.

Penicillin Cream Applicator.—An improvised applicator for introducing penicillin cream into the depths of small abcesses of the fingers was described by Williams in the "Lancet" recently (1945. I. 306). The cream is contained in a piece of glass tubing about 5 cm. long and 5 mm. in internal diameter. One end of the tube is blocked with cotton wool and the cream is expelled from the tube by pushing on the cotton wool with a wooden swab-stick. The open end of the tube is first slightly turned-in by holding it in a flame for a few seconds; this prevents the cotton wool being pushed into the wound. For use by the doctor, each tube is carried, with the swab-stick, in a wide-mouthed 1-oz. screw-capped bottle. Bottle and contents are autoclaved, and the penicillin cream is introduced into the tube, as it lies flat in the bottle, by means of a serum syringe.

POWER IN CHEMISTS' HANDS

Mrs. J. Irvine (a member of the Pharmaceutical Society's Council) addressed Bradford Branch on November 20 on the prospective position of pharmacists under the new National Health Service. Miss Firth, Ph.C. (branch chairman) presided.

History Repeating Itself

Mrs. Irvine said the present position was very much a case of history repeating itself—the new social insurance scheme was arousing the same bitter opposition from the medical profession as did its predecessor, the National Insurance Act of 1911, and it looked as though pharmacists were going to have the same grim struggle as they then had to secure their proper place. Some of the bitter opposition aroused against the original Act was probably due to the fact that, whereas legislation had usually operated by prohibiting actions inimical to health, the new measure did not prohibit but compelled people to carry out continually a number of petty requirements which had the effect of a continual irritant. This objection of British people to regimentation was evident again now. After reviewing the situation in pre-insurance days and comparing it with the thirty-three years of subsequent N.H.I. service, Mrs. Irvine reminded her hearers that one of the most vital factors brought about by State health insurance was that, whilst anybody was at liberty to dispense medicines—other than those containing poisons—for the uninsured population, only qualified pharmacists could undertake dispensing of any medicines for insured persons. That was a great gain for pharmacy. Attempts had been made to amend it, but the Royal Commission in 1926 confirmed the principle, and it was for pharmacists to see to it now that they retained that position when the number of insured persons became vastly increased under the prospective new scheme. In this regard, the speaker wondered whether the local Pharmaceutical Committees under the existing Act had taken, and were yet taking, full advantage of the powers conferred on them? She raised the question deliberately, realising the power actually vested in those committees if they liked to use it, and how little, so far as her observation indicated, actual use a good many of them were making of it. Commenting on the work of the present Pricing Offices—a work with which the speaker herself was closely indentified, she said chemists sometimes complained that the prices allowed in the Drug Tariff for certain drugs and appliances were too low, but it should be remembered that the prices had been the subject of argument and agreement between the Ministry of Health and the representatives of pharmacy through the National Pharmaceutical Union.

Pharmacy's Opportunity

The new National Health Service, continued Mrs. Irvine, provided an opportunity for putting pharmacy in its rightful position and in the position where it could be most helpful to the community. How could this be accomplished? She urged every chemist to study the Ministry of Health quarterly Bulletin seriously—there was much information and help to be got from it. The Coalition Government, before going out of office, had gone a long way towards planning a comprehensive service, but the White Paper did not envisage pharmacy as a part of that service. No provision was made for pharmaceutical representation on the joint authority planning council, although "professional interests" such as dentists, nurses, and midwives, were to be represented. There was also no representation for pharmacists on the hospital group, and no standing committee for pharmacy, although on the central Advisory Council of thirty-seven members, mainly medical, two were to be pharmacists! Would pharmacy have to be content with that meagre share? She hoped not. That Government had now gone and the electorate had returned a Government pledged to provide a service. The primary consideration must be to provide an efficient public service, and she suggested this could best be achieved by organising the pharmaceutical service as a whole. Domiciliary, health centre, hospital and clinic pharmacists should all be under one planning administration, and for this to be done effectually there must be pharmaceutical representation at a high level, and at every other level at which pharmaceutical participation was required. The outlook on this matter appeared to be hopeful if pharmacy itself was united. The Minister of Health, in September, had told the medical profession that "every doctor must be free to apply his skill without interference from secular organisation, and because I believe in industrial democracy I believe that doctors, as a profession, must have a

greater and greater say in the management of their own services." If the Minister of Health believed that was a good thing for the doctors, it was surely an equally good thing for pharmacists.

"With one planning administration for pharmacy, complete separation of prescribing and dispensing could be visualised—something long overdue. Under the new service there could be mobile pharmacies working from a centre to provide for rural populations. Until the provisions of the Bill were known it was futile to indulge in prophecy, but she suggested there were two principles pharmacy should be firm upon: that in the new service all dispensing and the supply of medicines should be under the personal control of pharmacists, and that the pharmaceutical service in all branches should be under a central pharmaceutical body with authority to arrange and administer the service at all levels.

Position Not Fully Realised

Opening discussion on the address, THE CHAIRMAN (Miss Firth) said she doubted whether chemists had fully realised that things were quite so bad before the coming of the present N.H.I. as Mrs. Irvine had, in her review, shown them to have been. With all their criticism, members had much to thank the Pharmaceutical Society and its Council for, even if they were still inclined to feel that things were by no means as good as they ought to be. Answering a member who asked how soon they might expect a revision of the present "terrible" National War formulary, MRS. IRVINE agreed that the war formulary was not as good as they would like, but it was the best that could be done under war conditions. Inevitably it took time to revise a formulary.

MR. KITCHEN said they all agreed with Mrs. Irvine's hope for complete unity in pharmacy, but he did not see how it was to be achieved if there remained certain phases in which the employee pharmacist, for instance, was not taken into full representative consultation. Was there some fear on the Pharmaceutical Council, for example, against admittance of employee pharmacists to the Joint Committee. Was there some fear that, because a good many employee pharmacists were in an organisation linked to the Trades Union Congress, there was likely to be some cleavage if they were admitted to the Joint Committee?—MRS. IRVINE: I don't think there is any fear at all in that respect, but the Council itself represents pharmacists as a whole whether they be employers or employees. The number of registered shops is about 12,000, but that is only about half the number of registered pharmacists, and the Council has the interests of one half always in sight as much as those of the other half. I am not aware that the representation of employee pharmacists, as such, has ever been raised in the Council.

Another member said it would be unfortunate if certain non-pharmacist employers were represented and pharmacist employees were not. MR. F. C. WILSON, Bradford (a member of Council), said the great danger of expanding the Joint Committee by adding representation of specific sections of pharmacy was that of making it too big to work well. There was a possibility that the deputation to the Minister of Health would, in fact, have in it definite representation of the employee pharmacists. MR. WILKINSON welcomed the Bulletin, but its practical usefulness for the present was inevitably circumscribed by the pressure under which they were all working every day and which left them so little time to read anything seriously. He suggested that another matter which should receive attention in planning the pharmacy service was that of standardising containers, so that they could be used and discarded, instead of so much time having to be spent in seeking, returning and washing previously used containers.

Compensation for Private Dispensing Lost

MR. KITCHEN asked whether Mrs. Irvine was of opinion that, in view of the number of insured persons being more than doubled under the new scheme, chemists might hope to have their remuneration doubled, or would the Ministry take the line that the job could be done at no greater overheads in the pharmacy? MRS. IRVINE: I think we must make them see it in this way—if we are going to dispense for almost everybody, that means our private dispensing practically disappears, and if we lose our private dispensing through the new scheme, obviously it is right that the new scheme should compensate us by better remuneration for what we are called upon to do. I think we must press that strongly and if we are united I don't see why we should not get it.

THE CHAIRMAN: What steps can the branches take to help bring about adequate representation? MRS. IRVINE: You cannot do much until we see what the Bill proposes.

MR. BASIL THORPE expressed thanks.

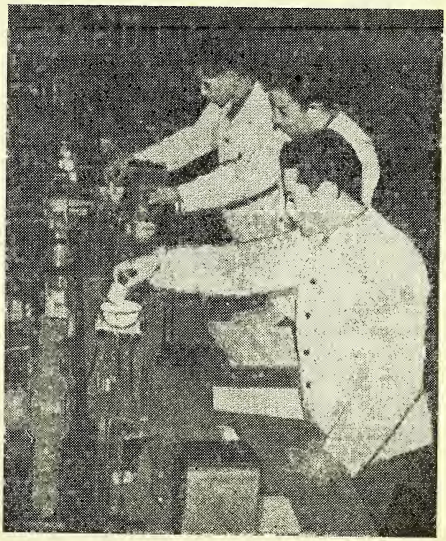
CANADIAN NOTES

3,000-grain Heroin Haul.—A bag of "flour" seized by the Royal Canadian Mounted Police along with contraband narcotics recently turned out to be 3,000 grains of heroin, of an estimated "black market" value of $12,000.

Co-operative Pharmacies.—A provincial law in Saskatchewan, which operated against co-operative societies with pharmaceutical departments, has been modified to enable duly registered co-operative associations to operate drug departments. The original Act prohibited anyone but a licensed pharmacist from compounding prescriptions, and although certain exemptions were allowed for joint stock companies, co-operative societies were excluded by the wording of the clause.

Drug Production in 1943.—The total output of medicinals, pharmaceuticals and biologicals produced in Canada in 1943 amounted in value to $39,250,072, against $33,199,537 in 1942 and $28,103,936 in 1941. At factory prices the corresponding totals were $50,772,686, $41,983,247 and $35,471,898. In the group of manufacturing plants covering proprietary medicines, pharmaceuticals and similar commodities, there were 205 factories, of which 103 were located in Ontario, eighty-four in Quebec, seven in Manitoba, three in British Columbia, one in Nova Scotia, four in Alberta, two in Saskatchewan and one in New Brunswick. The capital employed was estimated at $41,791,686, and the average number of employees was 7,187 in 1943 against 5,560 in the previous year.

Four Types of Scholarship.—The initial steps to be taken in a nation-wide programme to raise the standards of pharmacy in Canada were taken at the first meeting of the board of directors of Canadian Foundation for the Advancement of Pharmacy in Montreal recently. Plans for raising funds, and for their long-term use, were outlined by Mr. J. R. Kennedy (president), who also announced that four types of scholarships were contemplated by the Foundation. Continuation scholarships for students now enrolled in courses in the seven recognised colleges of pharmacy in Canada would be announced during the present term, so that present students might benefit in time to continue their studies. The Foundation, which was recently granted a government Charter, is setting up a fund from which grants will be given to Canadian pharmacy colleges for scholarships, research work and equipment. Canadian drug and pharmaceutical manufacturing companies, distributors and retailers in all parts of the country will contribute. The chairman of the Foundation's committee on pharmaceutical education and research stated that special teaching fellowships were planned to encourage graduating pharmacists to impart their knowledge to an ever-growing number of students. The fellowships would be made available in universities in which the shortage of teaching staff was most evident. Matriculating scholarships in pharmacy would also be made available for high school students graduating in 1946 and subsequent years, and grants would eventually be made by the Foundation for research scholarships. The Foundation will also help establish extension course classes for graduate pharmacists to keep them abreast of newest developments. A programme of public information will be established to cover all parts of Montreal. Mr. G. A. Lapointe, Montreal (president, Canadian Pharmaceutical Association), has been appointed honorary president of the Foundation for the first year of its existence.



American soldiers taking an intensive course in pharmacy and chemistry at Brighton Technical College.

OVERSEAS TRADE NEWS

Swiss Chemical Company's Increased Earnings.—The Laboratoires Sauter S.A., Geneva, ended the year to June 30 with increased gross earnings of 572,000 francs, against 530,000 francs in the previous year. Net earnings rose from 210,000 to 258,000 francs.

Canadian Cosmetics Imports.—Canadian imports of perfumery, cosmetics and toilet preparations during the first seven months of 1945 were valued at $243,000 (Canadian currency), a considerable increase over the corresponding figure for 1944. Soap imports declined from the 1944 figure of $155,000 to $97,000.

U.S. Resin and Penicillin Exports.—The United States Department of Commerce announces that a supplementary allotment of resin for export has been granted by the Civil Production Administration for the fourth quarter of 1945 and first of 1946. From December 1, licences will be required for exports of penicillin products.

U.S. Business Conditions.—The Board of Governors of the U.S. Federal Reserve System, in a statement on November 26, said that industrial output in the U.S. declined somewhat further in October, but in the early part of November production in important basic industries increased. The value of retail sales continued to advance considerably in October and early November.

Insecticide Equipment for Egypt.—Reports from Egypt indicate a considerable demand for insecticide equipment. There is no home production, and Britain and America are the main sources of supply. The equipment needed includes mixing and grinding machinery and spraying and dusting equipment (mainly portable equipment for the small farmer).

Export of Babassu Oil.—The Commercial Association of Sao Paulo has requested the alteration of the existing agreement under which Brazil has undertaken to export to the United States her exportable surplus of babassu oil. The Association is seeking permission to export babassu oil also to other countries. The Brazilian Minister of Finance declared, however, that since the U.S. Government did not wish to denounce the agreement, because the world's requirements for vegetable oils were still great, he could not alter the provisions before June 1948.

France Without Iodine.—A Paris message from Reuter states that iodine is almost unobtainable in France. Until 1938, all French iodine was obtained from Brittany, where the seaweed is particularly rich in the element. During the occupation, however, production fell because the men who collected the seaweed were no longer able to work on the mined beaches. Since the liberation, the French Government has imported forty tons of iodine from Chile.

French Trade Prospects.—Demand for French perfumes still far exceeds the supply, and the position cannot be said to have greatly improved, although there is slightly more alcohol to be had, and the packaging position is better. Pharmaceutical manufacturers, on the other hand, are noticing improvements. During the past three months they have been able to procure relatively adequate quantities of phosphates and sulphur, and there has also been some increase in supplies of sodium bicarbonate, bismuth, silver nitrate and zinc oxide. Although the position has improved, stocks have to be built up again before the public is able to buy medicines easily, and the transport and coal situation, which is still unsatisfactory, is retarding improvements. Production of raw materials in France has now risen to about 75 per cent. of demand, against 30 per cent. before the Liberation. The increase is significant, especially when it is remembered that from August 1944 to May 1945 most of the available supplies went to satisfy Army needs. Although such priorities are now greatly reduced, stocks still have to be made up, so that, besides consumer demands, there is a wholesaler demand for reconstitution of stocks. The present French Government will largely determine how far France will be able to re-establish herself. The New Minister of National Economy (M. Georges Billoux), who was Minister of Health in the Provisional Government, had a plan for nationalising the manufacturing side of the pharmaceutical industry, while the Ministries of National Economy and Industrial Production are in the hands of Communists.

Falling Behind.—Waste paper collections for two recent months were less than 16,000 tons per month, against 35,000 tons per month three years ago. To keep up salvage returns is as necessary as ever.

TRADE REPORT

pot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the ices for wholesale quantities of standard quality. C.i.f. quotations do not include excep- onal marine risk insurance and other abnormal charges payable under present conditions

28 Essex Street, W.C.2, December 5

DISTINCTLY improved tone is evident in ost sections of the London markets, with ite good business being done. On the port side, an excellent demand is being perienced for a wide range of articles, pecially from Continental countries such Holland and Switzerland. The two major fficulties facing exporters—lack of sup- es and inadequate shipping facilities— e gradually being overcome, and there e good prospects for better trade in the ar future. Prices in the London markets e generally at steady levels, with few vements, and those mostly without luence on the position as a whole. Little ormation of interest has come from kers of PHARMACEUTICAL CHEMICALS ring the week. Business retains its tine character and prices are steady. As esult of an advance in Brazilian EMETINE, itish importers have been obliged to rease their price.

Many CRUDE DRUGS are in active demand the export trade, and a fair business is orted in this direction. A keen demand noted for Cape ALOES, and the recently anced prices are being firmly maintained. ntinuing labour shortage among smelters kes the position of ANTIMONY rather icult, but quotations are unaltered. pments of ARECA NUTS are expected. LSAMS are wanted, but supplies are not ntiful. BUCHU LEAVES are short, though l bales may be found to meet urgent nands. CHILLIES and other spices are ring in small compass, but the market irm. ERGOT continues in short supply, there are no offers from origin. GUM CIA is held at the firm prices recently ted. Good-testing JALAP appears cleared, some lower-testing parcels remain. NTHOL from Brazil on new licences is ected to be available in February; the e will be much lower than those which e been ruling of late. NUTMEGS are very rce. Offers of high prices have failed to duce RHUBARB, which is urgently uired. SEEDS are in good inquiry, but very much business is reported so far. NAUBA WAX is dearer.

good demand is reported for ESSENTIAL S outside the official distribution scheme, only small odd lots are available at emely high prices. Recent reports suggest that cargoes now being loaded at China ports may include some ANISE OIL. The Minister of Food announces that the only changes in existing prices of unrefined oils and fats and technical animal fats allocated to primary wholesalers and large trade users during the four weeks ending December 29 are in LINSEED OIL, which has been increased by £3 per ton, and grades of SPERM OIL, which have become cheaper.

Government Stocks of Beeswax

The Raw Materials Department, Ministry of Supply, met the Trade Advisory Committee on November 26 to consider liquidation of Government stocks of BEESWAX, and arrangements for ensuring continuity of supplies. It was agreed that, until December 31, the Association of Merchant Distributors of Beeswax, Ltd., will continue to distribute Government stocks; prices will remain unchanged. Releases will be authorised to enable users, on application, to obtain from Government stocks sufficient beeswax to provide for a three-months' stock as at December 31. Stocks obtained by way of private imports will not be taken into consideration for the purpose. Releases authorised must be taken up within fourteen days of allocation; otherwise they will be cancelled. The unallocated balance of Government stock at January 1, 1946, will be disposed of after further consultation with the Trade Advisory Committee on or about that date. The quantity involved will be relatively small. Importers obtaining Government stock against purchases made at origin before October 22, 1945, must dispose of it to U.K. users only, and at not more than the Government release prices for the grades concerned; further information may be obtained through normal trade channels.

U.S. Drug Market Report

New York, November 30

THE recent troubles in Java have cut off the United States from supplies of many oils and drugs from the Dutch East Indies. A committee appointed by the Government there has promised a resumption of exports by the end of the year if the political situation permits, but importers are not optimistic about supplies before the new year. There has been some relaxation in

the domestic demand for HEAVY CHEMICALS, attributed to the usual seasonal decline and labour difficulties, generally. Export markets, however, will quickly absorb any commodities thus made available. A good demand for MERCURY, both at home and abroad, has resulted in an advance in the spot price by $1 per flask. With the Spanish price high, further advances are still a possibility. A serious competitive condition has developed among the TARTRATES, buyers having reduced activity in the hope that the prices of imported TARTARIC ACID will decline further. Whereas the price of medicinal COD-LIVER OIL has dropped 10 cents to $2.20 gall., the situation of poultry-type oil remains firm. Some Jamaican and Mexican SARSAPARILLA ROOT has been offered. Most BALSAMS continue in short supply, and cheap lots of GENTIAN ROOT have gradually disappeared from the market. No considerable quantities of VANILLA BEANS are expected from Madagascar until July 1946, the U.S. quota being almost completed. Prices of most ESSENTIAL OILS will be higher when supplies to meet the exceedingly tight situation become available. No supplies of CITRONELLA are being received from the Dutch East Indies, and manufacturers must therefore continue to import the South American oil at a cost of $6.50 to $7.5 per lb., against a pre-war price of 30 cents for the Java product. A continued easing in AROMATIC CHEMICALS accompanies increased production in many items this month. Pre-war conditions should prevail in several commodities within a few months. Some seasonal falling off in the demand for BOTANICAL DRUGS has somewhat relieved a market in which most commodities are in short supply. ARNICA FLOWERS and SENEGA ROOT, however, are still virtually unobtainable.

Pharmaceutical Chemicals

ACETANILIDE.—Demand continues fair with powder at 2s. 5d. per lb. and crystals at 2s. 6d.

AMPHETAMINE.—Makers' price is steady at 150s. per lb. Demand continues good.

ASPIRIN.—Home market prices per lb., in quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.).

BARIUM SULPHATE, B.P. (*x*-ray).—Home market prices per lb., in lots of 28 lb.–1 cwt., are as follows (containers in brackets): 1s. 6d. (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.).

BISMUTH CARBONATE.—Prices per lb. for the home market, in quantities of 14 lb.–28 lb., are as follows (containers in brackets): 11s. 2½d. (1-lb.); 11s. 1½d. (2-lb.); 11s. 1d. (4-lb.); 11s. (7-lb.); 10s. 11½d. (14-lb.). CITRATE, 2s. per lb. above; SALICYLATE, 6d. per lb. above; SUBGALLATE, 4s. 3d. per lb. above; SUBNITRATE, 1s. 2d. per lb. below.

BORAX.—Current rates per ton are as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards.

CHLORAL HYDRATE.—Current prices are as follows: 1 cwt., 3s. 10d. per lb.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; smalls, 5s. 3d.

CITRATES.—Prices per lb. current in the home market for POTASSIUM CITRATE, in quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 3s. 7½d. (1-lb.); 3s. 6d. (4-lb.); 3s. 5d. (7-lb.); 3s. 4½d. (14-lb.); 3s. 3½d. (28-lb.). FERRI ET AMMON. CIT., B.P., 2d. per lb. above; SODIUM, B.P., 3d. per lb. below; POWDER, 1d. per lb. extra.

CREAM OF TARTAR.—A new price schedule under the Order amending the Tartaric Acid and Cream of Tartar (Control and Maximum prices) Order, 1944, was given in the *C. & D.*, October 27, p. 441.

DEXTROSE.—Prices per lb. current in the home market for bulk supplies are as follows: 14 lb.–28 lb., in 14-lb. lots, 1s. 0½d.; 28 lb.–112 lb., in 14-lb. lots, 1s.; in 28-lb. lots, 11d.

EMETINE.—British importers have advanced their prices following a rise in cost of Brazilian emetine.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID.—1 oz., 95s. 6d.; 4 oz., 92s. 6d. 16 oz., 87s. 8d. (6s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz. 70s.; 16 oz., 65s. (3s. 2d.).

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Small quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb. 14-lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, one penny per lb. extra.

MAGNESIUM CARBONATE, HEAVY.—Prices per lb. for the home market, in quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 1s. 7d. (1-lb.); 1s. 5½d. (4-lb.); 1s. 4½d. (7-lb.); 1s. 4d. (14-lb.); 1s. 3d. (28-lb.).

PULV. BISMUTH CO., N.F.—Prices per lb. current in the home market, for quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 2s. 6d. (1-lb.); 2s. 4½d. (4-lb.); 2s. 3½d. (7-lb.); 2s. 3d. (14-lb.); 2s. 2d. (28-lb.).

SULPHANILAMIDE.—In good supply. Price from 8s. to 9s. per lb., according to quantity.

THEOBROMINE.—The following prices are ruling: ALKALOID.—Smalls, 44s. 6d. per lb. 7 lb.–28 lb., 43s. SODIUM SALICYLATE.—Smalls 26s. 6d.; 7-lb.–28 lb., 25s. 1d. Tins extra when supplied.

Crude Drugs

ALOES.—Demand for Cape is still keen at ently advanced prices.

ANTIMONY.—Labour shortage tends to make supply position difficult but prices are hanged. English minimum 99 per cent. ulus, £112 10s. per ton, delivered; 70 per t. crude, for the home trade, £90.

ARECA NUTS.—Spot supplies appear to be austed, but further shipments are expected.

BALSAMS.—*Canada*, in small compass on spot, . 6d. to 14s. per lb.; *Peru*, steady at 8s. 3d. lb.; *Tolu* and *Copaiba*, unobtainable.

BELLADONNA.—Quotations for English herb steady at 4s. 6d. per lb.; Indian root, 0·25 cent., 2s. 3d. per lb.

BISMUTH.—Demand is well maintained, and tations for metal are steady at 6s. 3d. per in minimum 5-cwt. lots.

BUCHU LEAVES.—The small spot supplies n to have been absorbed, but a few bales ht still be found at 5s. 6d. per lb.

CHAULMOOGRA.—*Hydnocarpus*, spot, 2s. per in tins in cases.

CHILLIES.—Spot offerings are small and bus- s is quiet. Prices unchanged at from 120s. to s. per cwt., according to seller.

CINNAMON CHIPS.—Quoted on the spot at 2d. per lb., ex store.

CLOVES.—Firm and fractionally dearer on at 1s. 8d. per lb. for Zanzibar; to arrive, . per lb., c.i.f.

COCHINEAL.—Spot price of silvers is un- nged at 5s. 9d. per lb.

COLOCYNTH.—Selling steadily on spot at from 6d. to 2s. 10d. per lb. Export demand inues good.

DIGITALIS LEAVES.—Portuguese is steady on at 14os. per cwt.; English, 2s. 6d. per lb.

ERGOT.—Spot quoted at 7s. 3d. to 7s. 6d. lb.; there are no offers from source.

GINGER.—West African, spot, 85s. per cwt.

GUM ACACIA.—Firm at unchanged rates. dofan cleaned sorts, spot, 76s. per cwt., lon; 74s., Liverpool, and 74s., Manchester; ched, spot, 150s.; Talha, cleaned, 42s. 6d.

HENBANE.—Indian, spot, 250s. per cwt.; tian (*muticus*), 85s.

JALAP.—The good testing grades appear to been cleared, but some 10 per cent. is able at 3s. 6d. per lb.

KAMALA.—Material yielding 6 per cent. ash d be valued at 2s. 9d. to 3s. per lb. on spot.

KARAYA GUM.—Indian No. 1 gum is quoted ot at 210s. per cwt.

MALE FERN ROOT.—Indian root is available ot at 85s. per cwt.

MENTHOL.—Demand is good and spot sales eing made at 8os. to 82s. 6d. per lb. A business is reported done in December– ary shipment under the new licences at per lb., in bond, landed, sellers' licence. Spot price, duty paid, will be 27s. 6d. to 30s. per lb., according to seller.

MERCURY.—Prices are controlled by the Control of Mercury (No. 11) Order (*C. & D.*, October 13, p. 388).

MYRRH.—Good-quality Aden sorts may be obtained on spot at £18 per cwt.

NUTMEGS.—Current prices for any available supplies are as follows: West Indian, 80's, 3s. 10½d. per lb.; sound unassorted, 3s. 7d.; wormy and broken, 3s. 4½d., nominal.

PIMENTO.—Firm, with spot sellers at 1s. 6d. per lb.

QUASSIA CHIPS.—No spot supplies available. January delivery will be at 40s. per cwt.

RHUBARB.—Many inquiries are being received but the market is completely bare of supplies.

SEEDS.—A better inquiry is being received, but inadequate supplies hamper the development of business. Current prices are as follows: ANISEED.—Turkish, spot, 2s. 8d. per lb. CORIANDER.—Spot supplies have been cleared and there are no offers; forward, 120s. per cwt., c.i.f. CUMIN.—Maltese, 150s. paid; Indian, none available. DILL.—London, 80s.; Liverpool, 80s. FENNEL.—Supplies exhausted, nominal. FENUGREEK.—Hull, 67s. 6d.

SENNA.—Alexandrian hand-picked pods are in good demand; price nominal at 4s. per lb. Good manufacturing Alexandrian pods, 2s. per lb. Tinnevelly leaves, No. 1, 10½d. per lb.; No. 2, 8½d.; No. 3, 7d.

STROPHANTHUS SEED.—100 per cent. Kombé, spot, 7s. per lb.

TURMERIC.—Sound Madras finger, spot, 120s. per cwt., nominal; c.i.f., 67s. 6d. paid.

WAXES.—BEES'.—Dar-es-Salaam, spot, 245s. per cwt. (not Government stocks). CARNAUBA.—Fatty grey, spot, 650s., nominal, per cwt.; prime yellow, spot, 750s.; chalky grey, spot, none available; all grades forward, nominal. CANDELILLA.—Spot, 300s., nominal; December–January arrival, 275s. per cwt., nominal. OURICURI.—Spot, 400s., nominal, according to quality.

Essential and Expressed Oils

CASTOR.—Bulk supplies are officially quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

CLOVE.—Good demand for English-distilled bud oil, price of which remains at 12s. 6d. to 13s. per lb., according to quantity.

COCONUT.—Fixed prices are as follows: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

GROUNDNUT.—Bulk supplies of refined deodorised are priced at £58 per ton, ex works.

OLIVE.—Price charged to wholesaler by importer is 25s. 9d. per gall., ex store. Prices charged by wholesalers to retailers are agreed by Ministry of Food as follows: 33s. 6d. per gall. in 1-gall. loan cans; 34s. 3d. in ½-gall. loan cans; 35s. in 1-quart loan cans; 36s. per gall. in 1-pint cans.

TRADE MARKS

(*From "The Trade Marks Journal," November* 21)

"TOMATIZER"; for fertilisers (1). By Ashe Laboratories, Ltd., 120–22 Victoria Street, London, S.W.1. 636,269.

"VIVLA"; for colouring matters for foodstuffs and for confectionery (2). By J. N. Nichols & Co., Ltd., Britannic Works, Ayres Road, Manchester, 16. 634,955 (Associated).

Device of sailor looking through telescope from "crow's nest" of ship, and words "British Made"; for toilet and cosmetic preparations, etc. (3). By G. Loynd, 25 Back Acres, Bolton, Lancs. 634,782.

"PLADENT"; for toilet preparations for cleaning artificial dentures (3). By Cornwells (Wholesale), Ltd., 114 Leonard Road, Birches Head, Stoke-on-Trent. 636,011.

"RADOVAC"; for pharmaceutical preparations (human and veterinary) (5). By Parke, Davis & Co., 50–54 Beak Street, London, W.1. 635,471.

"SHELLTOX" (with device of man with spray, and words "Death to all Insects"—disclaimed); for insecticides for export to and sale in Aden (5). By The Shell Company of Aden, Ltd., St. Helen's Court, Great St. Helen's, London, E.C.3. 635,495 (Associated).

"VEW" and "GUTOL"; for pharmaceutical preparations and substances (5). By C. F. Harcombe Cooper, 59 Bardon Chambers, Infirmary Street, Leeds, 1. B635,622, 635,669.

"KAYDIS"; for pharmaceutical preparations and substances (human and veterinary); sanitary preparations and substances; medical and surgical plasters; surgical dressings; bandage material; material for stopping teeth; dental wax; antiseptic and disinfectant preparations; weed killers and vermin destroyers; but not including dietetic poultry foods (5). By Kay & Kay, Ltd., 30–31 Richardson Street, London, S.E.1. 635,544.

"ANGELA WALL" (facsimile signature); for herbal pharmaceutical preparations for treatment of the skin (5). By Angela Wall, 10 The Square, Winchester. 635,587.

"PIXIE-PINE"; for pine disinfectants (5). By M. M. Hunter & Co., 103 Giles Street, Leith, Edinburgh, 6. 636,029.

"LOSKI" and "BESURDY"; for pharmaceutical preparations and substances (5). By G. Thornfield, Fortess Grove, 28–34 Fortess Road, London, N.W.5. 636,068, 636,392.

"MUBETHAL"; for all goods (5). By May & Baker, Ltd., Dagenham, Essex. 636,168.

Device of a bee poised on an arrow; for paper (16). By The Barrow Paper Mills, Ltd., Salthouse, Barrow-in-Furness, Lancs. 635,764.

"VEGACO"; for toilet paper (16). By H. Wesley, Ltd., Harlesden Stationery Mills, Acton Lane, London, N.W.10. 636,290 (Associated).

"CASCAFLEX"; for flexible polymerised vinyl chloride (in the nature of rubber) in sheet form; cot sheets, etc., made therefrom (1 By Cascelloid, Ltd., Britannia Works, Abl Lane, Leicester. 635,848.

APPLICATION AMENDED AFTER ADVERTISEMENT

Specification No. 632,701, by Hans Eman Neumann Enoch, should be altered so as read: "A preparation comprising a susp sion of *Penicillium notatum*."

(*From "The Trade Marks Journal," November*

"TELL-TALE"; for silica gel preparations use industry (1). By The Davison Chemical C poration, c/o Elkington & Fife, B Chambers, 329 High Holborn, Lond W.C.1. B633,222.

"HEXABEN"; for chemical products for use manufacture of insecticides; agricultu horticultural and forestry chemicals (cluding insecticides, fungicides and w killers), manures; chemical preservativ tanning substances (1). Also for insectici and vermin destroyers (5). "NEOX"; industrial, agricultural, horticultural forestry chemicals (with exceptions as abo manures; chemical preservatives; tann substances (excluding tin oxide) (1). Also insecticides and vermin destroyers ("GAMBANE" and "GAMBEX"; for pharm ceutical preparations (human and veter ary); sanitary substances, insecticides a vermin destroyers (5). "WELPLAS," "W VAS" and "WELVIC"; for surgical pr theses; surgical instruments and appara (the second and third marks exclud surgical gloves, etc.) (10). By Imper Chemical Industries, Ltd., Wexham Ro Slough. 635,261–62 (both Associate 635,265–66; 635,004 and 635,006 (b Associated); 634,393, 634,398, 634,400 Associated).

"MAGIWAVE"; for toilet preparations waving the hair (3). By Coldwave, Lt 67–70 Ibex House, Minories, London, E.C 635,497.

"CHARADE"; for perfumery and toilet prep tions (3). By Luce's Eau-de-Cologne C Ltd., 179 High Street, Southampton. 635,8

"SAN-DE-RA"; for perfumes, lipstick, lip sal various toilet preparations, soaps, mou washes, perfumed sachets, depilatory p parations, bath salts, etc. (3). By Vin Ltd., 222–24 Harrow Road, Paddingt London, W.2. 635,905.

"MARIGOLD"; for all goods (10). By J. All & Co., 148 Bath Road, Cheltenham. 635,0

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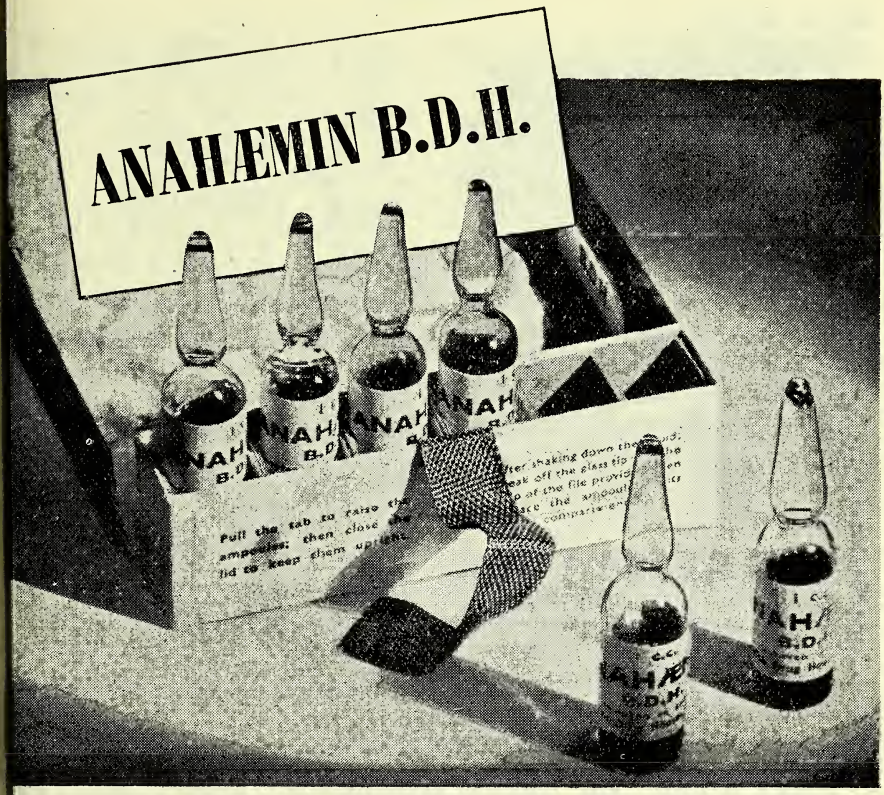

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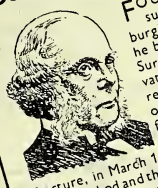

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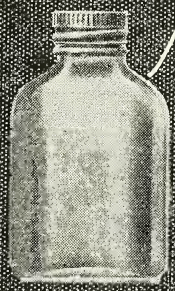

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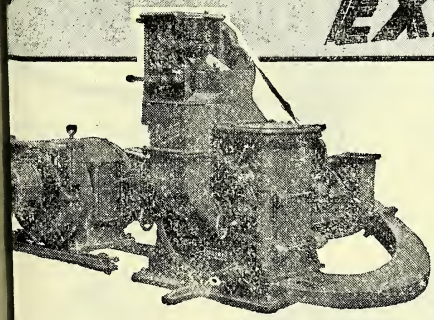

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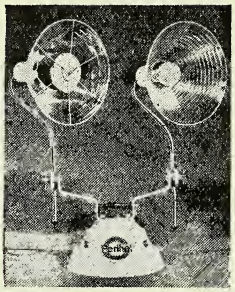

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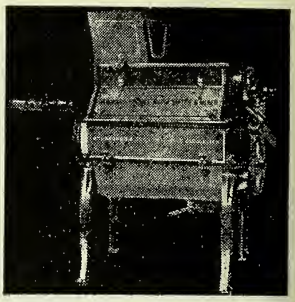

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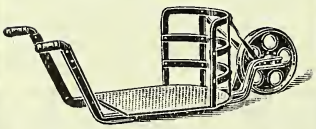

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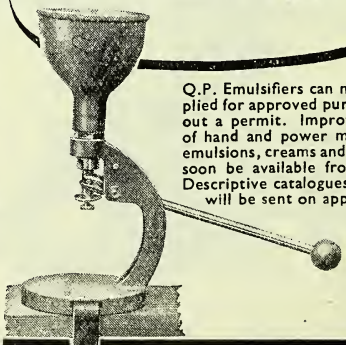

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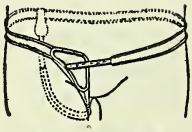

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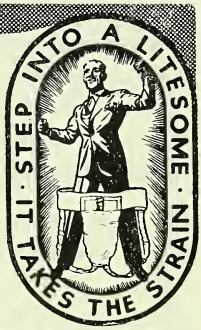

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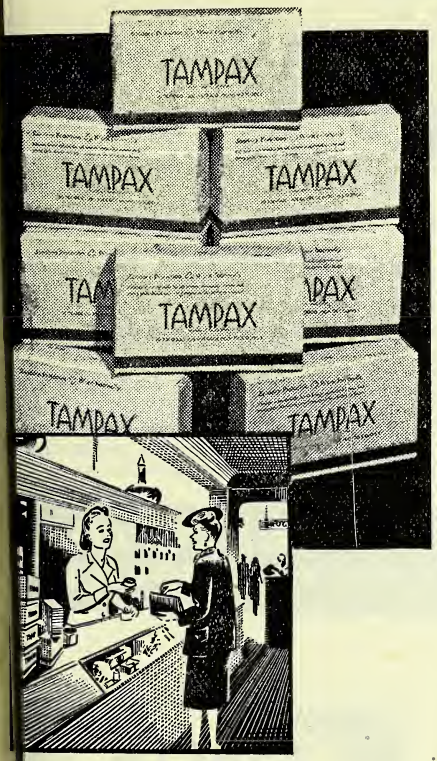

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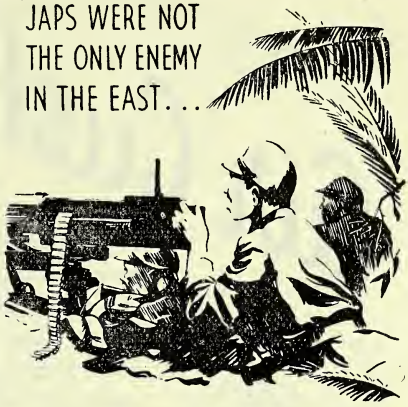

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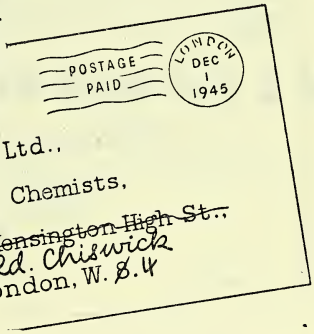

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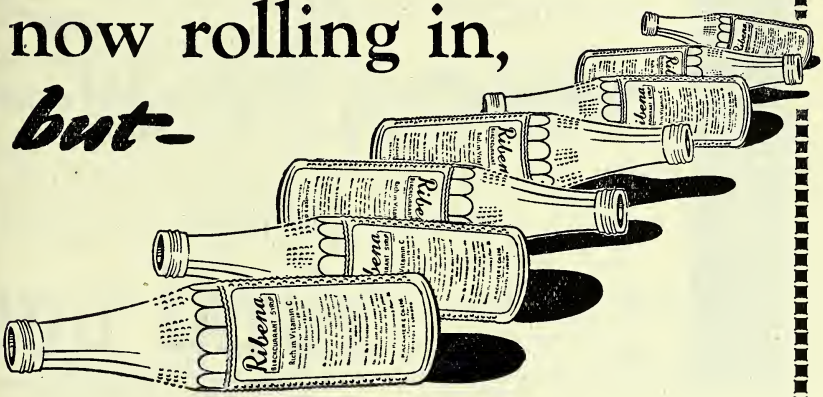

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COMPOSITION OF M.O.F.

	Per cent.		*Grams per oz.*
Fat	6.2	Fat	1.85
Protein	10.7	Protein	2.15
Carbohydrate	70.0	Carbohydrate	19.87
Mineral Matter	2.7		*Mg. per oz.*
Fibre	0.2	**Iron**	**5.0**
Moisture	10.2	**Calcium**	**120.0**
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Vitamin B_1 as Aneurin Hydrochloride *Per oz.* **0·079 mg.**
Vitamin D . . . . . **600 I.U.**
Calories 110

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DECEMBER 8 1945

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FIRST-CLASS Representatives required by M facturers of high-class ethical pharmace products advertised in the National and M Press throughout the United Kingdom. Ap tions only considered from men of stability, init and experience capable of substantial earnings established connexions amongst retail and w sale chemists; salary, expenses and commi 632/748, C. & D. London Office.

GENTLEMAN experienced in Export trad quired, also Shorthand-Typist and Office 939/117, C. & D. London Office.

GEORGE BELL'S PET REMEDIES. Messrs. & Sons, Silverdale Works, Liverpool, 13, applications from experienced Salesmen of integrity and proved selling ability for Vacanc their Sales Staff in the East Midlands and Wales. Remuneration, salary, expenses and b Apply Sales Director as above.

LADY Assistants required by manufacturing ists, Central London, preferably with expe of ampoule processing and packing sterile solu 939/108, C. & D. London Office.

MANAGING Director of Manufacturing Che in Lancashire, marketing range of well-k proprietory products, wishes to appoint a Pe Assistant; experience at the managerial or exec level is essential. Applicants should be betwe and 45 years of age, be able to organise, and a complete grasp of modern marketing met The position is permanent and responsible, a the hands of a man of ability and drive shoul to promotion in the company which is now en on a progressive development policy. Applic treated in strictest confidence. In first letter, age and experience, three references, salary re and position as to national service, to Man Director, 939/997, C. & D. London Office.

PHARMACIST wanted to supervise Wet M facturing Department of progressive knowledge of spirit regulations and experien manufacturing pharmaceuticals essential. M factory North London; 5-day week; pension and canteen. Write giving fullest details to 93 C. & D. London Office.

PHARMACIST required on the executive st London House to assist in general manager some knowledge of the wholesale trade desi Attractive opening with prospects to man ability, initiative and energy. Apply in first inst stating salary, age, experience, to 940/137, C. London Office.

REQUIRED by provincial house of Mar turing Chemists, man with experience to charge of Poisons and Dangerous Drugs a assist the Manager in production and disp must be good staff controller and able to wo own initiative. Write, giving full particula experience, age and salary required, to Richardson & Co., Ltd., Evington Valley Leicester.

REQUIRED for Manufacturing Chemists: and Female Packers, Machine Operators 5-day week. Apply 636/898, C. & D. London

TABLET Coater required by Midland Mar turing Chemist. Write stating age an perience to 632/749, C. & D. London Office.

TABLET Maker required for London factory modern machinery; good wages and pros 939/993, C. & D. London Office.

TRAVELLERS required for all counties, Britain, to call on Chemists, Hairdresser Grocers, etc., with new proprietary medicinal together with established products; travellers good connexions preferred but not necessary. 940/121, C. & D. London Office.

NTED Foreman Packer by manufacturers of fine chemicals in North-west England, Home xport, used to femal labeour; good opening ing man with initiative. 635/859, C & D. n Office.

L-CONNECTED Representatives required by Manufacturing and Distributing Company g only first-class, nationally-advertised pro- selling to Chemists and Allied Trades, Stores neral Wholesalers, for the following areas: ndon (Two); (2) Kent, Surrey and Sussex; tern Counties; (4) Notts, Derby, Leics., and nts; (5) Warwick, Worcester, Shropshire and d; (6) Yorkshire, West Riding; (7) Northum- d and Durham; (8) Scotland (Two). Existing ions handed over after trial. Applicants must eenness and initiative. Positions carry good expenses and commission, and provide nt opportunities for building permanent suc- careers for the right men. Address in first e, giving fullest particulars of previous ex- e and age, in strictest confidence, to 940/136, London Office.

KS Manager Chemist required by established Merseyside Manufacturers expanding to 100 ees; must be experienced in formulating and cturing toilet and medicinal proprietaries. ncing salary £600 p.a., with excellent pros- r right man; state qualifications and positions 40/122, C. & D. London Office.

K Manager Chemist required in Slough dis- rict for small factory making well-known cary; must have knowledge of modern ion Methods, Lay-out, etc., to organise for d output, control labour, purchasing, etc.; t permanent prospect for right man. Write, age, details of experience, remuneration d, to 940/145, C. & D. London Office.

KS Chemist required by T. F. Bristow & Ltd., Colindale, N.W.9. Applicants should be re than 45 years of age, methodical, trust- and possess initiative and good academic und, together with first-class experience in nufacture of Toilet Soap, Shaving Soap, Per- nd Toilet Preparations. Must be able to buy erials, control manufacture, conduct research rocess and formulation of new products and staff. Written application (in confidence) ive full details of past career, age and salary . Only written application considered.

G man with pharmaceutical knowledge re- ired for Export Office, also Costing Clerk. Parker & Co., Ltd., Bradford.

SITUATIONS WANTED

18 words or less, 1d. for every additional word.

RETAIL (HOME)

ALIFIED Chemist, just demobilised, would pleased to hear of any vacancy in the lshire district. 938/981, C. & D. London

IST Assistant, L.P.S.I., disengaged; good erience, references. Spinks, 55 Upland Roundhay, Leeds, 8.

Store Manager, competent all branches of de, now free; well recommended. 938/975, London Office.

RIENCED Pharmacist Manager or Locum ilable now, Yorkshire preferred. State par- and salary. Calvert, 33 West View, Halifax.

Dispenser (Hall), excellent experience emists and Doctors, invites interviews. dvertiser, Flat 4, 13 Queen Gate Terrace,

IFIED Lady, M.P.S., N.I., seeks situation; cultural Town, Worcestershire, Leicestershire hern County preferred; free February. C. & D. London Office.

SENIOR, Unqualified, seeks responsible position; sound dispensing experience, good counterman and window dresser; married, living accommodation essential. 939/104, C. & D. London Office.

WHOLESALE

A PHARMACEUTICAL Chemist, A.R.I.C., F.C.S., age 31, good background. Works Manager (controlled 1,000, experienced in factory organisation, administration, etc.), lecturer in Pharmaceutical subjects; at present holding responsible executive post in Government service, but shortly free, wishes to secure position with progressive firm of Manufacturing Chemists where the above experience, plus personality and initiative, would be an asset. 637/950, C. & D. London Office.

ASSISTANT to Sales or General Manager. Advertiser, Pharmacist with excellent Retail and Sales experience, executive ability and personality, requires post as above; some French and Italian spoken; free of military liabilities. 939/107, C. & D. London Office.

EXPERIENCED Pharmaceutical Representative, at present with Belfast leading drug house, desires change; excellent connexion N. Ireland. Salary and expenses, or salary, commission and expenses. 940/143, C. & D. London Office.

EXPERIENCED PHARMACIST, R.A.M.C., demobilised, desires appointment, at home or abroad, with firm of repute; wide knowledge of Drugs, Dressings, Proprietaries, Surgical Instruments and Photographic Requisites; excellent references. 940/135, C. & D. London Office.

EXPERIENCED Representative relinquishing post seeks re-engagement, first-class experience and connexion, pharmaceuticals, industrial chemicals, hospitals, essential oils. 938/955, C. & D. London Office.

GENTLEMAN with sound commercial experience at Home and Abroad in Drug, Sundries and Cosmetique Trades desires position of trust with reputable firm; free to take up any appointment. 939/998, C. & D. London Office.

M.P.S., D.B.A., very considerable experience medical propaganda, sales and speciality business; sound knowledge therapeutics and pharmaceutical practice. Now seeks responsible administrative post. 939/111, C. & D. London Office.

REPRESENTATIVE with first-class connexion Chemist and Domestic Stores, London and Essex; own car. 940/131, C. & D. London Office.

REPRESENTATIVE, strong established connexion London and Southern Counties, own car, recently released National Service, offers services to firm of reputable standing, good record and ability; 12 years' experience. Advertiser, 125 Durnsford Road, London, N.11. Bowes Pk. 3571.

REPRESENTATIVE (Sales 25 years), disengaged December 29; Chemists' connexion over 5,000; London and twenty-two Counties; Proprietories preferred; would entertain Agency; own car; worker. 940/139, C. & D. London Office.

REPRESENTATIVE, Qualified, offers first-class and long standing connexion, Kent, Surrey, Sussex, S.E., S.W. London, to house of repute; drugs, dressings, packed pharmaceuticals handled; past experience. 939/112, C. & D. London Office.

REPRESENTATIVE in Lancs and Yorks requires two additional lines to carry with his present range selling to Chemists, etc., in this area. 637/925, C. & D. London Office.

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AN Editor is required for an established Export Trade Journal covering the Drug, Chemical and Associated Industries. Applicants must have a thorough knowledge of the export side of the industries and be sufficiently experienced in journalism to edit the Journal with the object of promoting British trade in Export Markets. Position offers an excellent opportunity for a man with modern ideas on make-up and the production of a first-class and attractive publication. Applications will be treated confidentially. Send full particulars of previous experience, age and other details to CDB/429, C. & D. London Office.

APPLICATIONS are invited for the post of Dispenser (Qualified). Salary £300 per annum, with bonus at present £59 16s. per annum.

Apply Medical Superintendent, Cheshire County Mental Hospital, Parkside, Macclesfield.

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HEAD PHARMACIST. Epsom County Hospital, Dorking Road, Epsom. Applicants must possess M.P.S. or Ph.C. qualifications. Commencing salary according to experience on grade £275 plus £10—£325 p.a., plus war bonus 18s. 6d. p.w. female, 23s. p.w. male. The appointment will be on the Council's permanent staff in the case of a female, but male applicants can only be appointed on temporary basis in the first instance.

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Apply to Medical Superintendent.

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MARKETING Man, with thorough knowledge of the modern technique. Experience as Sales-Manager. A.1. salesman. Abundant health, Adequate capital to obtain initial distribution and develop sales. Recently demobilised, Volunteer R.A.F. Radar section. Wishes to contact owner of a process, product, or proprietary line, possessing sufficient capital to commence manufacture, where co-operation can develop a business. 636/893, C. & D. London Office.

AGENCIES

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A WELL-KNOWN live Agent open for one otl product for distribution to Chemists, Sto and Co-ops, in whole London area; only first-cl product considered; complete coverage of territ given by first-class salesman. 939/110, C. & London Office.

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AGENCY offered for the sale of first-class Modell Wax; excellent prospects. Apply 939/1 C. & D. London Office.

AGENCIES wanted by established firm with go connections in Denmark, Malta and Czech slovakia for Fine and Heavy Chemicals, Solven Fats, Shellac and Gums; only offers from firms repute entertained. 939/106, C. & D. London Offi

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DISTRIBUTING House, with large organisati and strong force of travellers covering t country, require subsidiary lines which they c incorporate in their programme; would consi taking entire output of suitable manufacture 939/114, C. & D. London Office.

FIRM of repute with nationally-advertised goo seeks one additional line. Representatives the Company cover all Chemists, Hairdressers, C operatives and Departmental Stores throughc Great Britain. Write Box 707 Reynells, 44 Chance Lane, W.C.2.

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ADVERTISER wishes to purchase firm of cosme manufacturers with quota between £1,000 a £2,000; all replies treated strictly confidential Write 635/857, C. & D. London Office.

CHEMIST, North of London, is open to recei inquiries from Proprietary Houses, etc., wi a view to Tableting their own material. Full pa ticulars to 940/133, C. & D. London Office.

MANUFACTURERS, North-west England, wou consider providing land and services for indu trial development, in exchange warehouse and/ office accommodation London area. 939/115, C. D. London Office.

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SMALL Manufacturing firm of Chemists, in position to manufacture new lines, wou welcome new suggestions and ideas; liberal co mission given. 939/113, C. & D. London Office.

TRADE Processing of all Chemicals; manuf turers will undertake processing for manuf turers or merchants. 939/996, C. & D. Lond Office.

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SE Otto. Neroli. No quantity too small; highest prices in the trade offered; only finest y unadulterated entertained. Send particu- of date purchased and source and sample, if ble, to Picot, Ltd., 191 Hammersmith Road, on, W.6. Riverside 3336.

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. Plain Medicals, 8-oz. ribbed Ovals, 2–2½-oz. anels; divisioned cartons to hold any of these. es and prices to S. Tatlow & Co., Ltd., Ecking- heffield.

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CS, seaside town. Old-established (30 years) Drug Store business for sale by tender, includ- operty; principals only; particulars. Apply urn & Co., Solicitors, Fleetwood.

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10 Gallons Pure Acetone for disposal. Inquiries to Raymond Gibbs, M.P.S., 913 London Road, Loudwater, Bucks.

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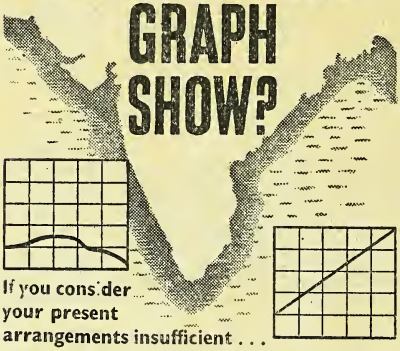

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BRAZIL. British manufacturers, exporters a importers interested in trade with Brazil invited to communicate with business man, Qua fied Chemical Engineer, with old-established c nexions in Sao Paulo and Rio de Janeiro, shor leaving for Brazil. Advertiser is in responsi position; interviews in London. 940/126, C. & London Office.

DRUGS—Denmark. Leading pharmaceuti Danish firm seeks Agency for Medicinal P ducts; only interested in products of quality. Wr giving complete information to "Pharmaca Aalborg, Denmark.

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